

TEST REPORT

Report Number: 15496224-E7V4

Applicant : APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3256

Brand : APPLE

FCC ID : BCG-E8949A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E

Date Of Issue:
2025-08-02

Prepared by:
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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	2025-07-02	Initial Review	Tony Li
V2	2025-07-16	Addressed TCB Questions on sections 1, 3, 6, 8, and 9	Tony Li
V3	2025-07-22	Addressed TCB Question on section 10.1.3	Tony Li
V4	2025-08-02	Addressed TCB Feedback on Section 9	Benjamin Dobbins

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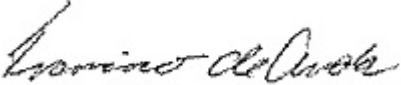
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3256
Brand	APPLE
FCC ID	BCG-E8949A
EUT Description	SMARTPHONE
Serial Number	C07HC90002Z0000X9L (Conducted) HC6YLC6QDY (Radiated)
Sample Receipt Date	2025-02-21
Date Tested	2025/03/07 to 2025/07/16
Applicable Standards	CFR 47 Part 15 Subpart E
Test Results	COMPLIES

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested can demonstrate compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not considered unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document

Approved & Released By: 	Prepared & Reviewed By: 
Francisco de Anda Staff Engineer UL Verification Services, Inc.	Tony Li, Benjamin Dobbins Lead Test Engineer, Senior Test Engineer UL Verification Services, Inc.

2. TEST RESULT SUMMARY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.3)
2. Cable loss (see section 6.3)

FCC Clause	Requirement	Result	Comment
See Comment	Duty Cycle	Reporting purposes only	Per ANSI C63.10, Section 12.2.
See Comment	26dB BW/99% OBW	Reporting purposes only	Per ANSI C63.10 Sections 6.9.2 and 6.9.3
15.407 (e)	6 dB BW	Complies	Per ANSI C63.10, Section 12.5.1
15.407 (a) (1 & 3)	Output Power	Complies	Per ANSI C63.10, Section 12.4.3.2
15.407 (a) (1 & 3)	PSD	Complies	Per ANSI C63.10, Section 12.6
15.209, 15.205, 15.407 (b)	Radiated Emissions	Complies	Per ANSI C63.10, Section 12.7
15.207	AC Mains Conducted Emissions	Complies	Per ANSI C63.10, Section 6.2

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- *ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
- FCC 47 CFR Part 2
- FCC 47CFR Part 15
- FCC KDB 414788 D01 Radiated Test Site
- FCC KDB 662911 D01 Multiple Transmitter Output
- FCC KDB 789033 D02 General UNII Test Procedures New Rules

*Note: The use of ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 does not deviate from the testing procedures of ANSI C63.10-2020

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☐	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{LAB}
Conducted Antenna Port Emission Measurement	1.94 dB
Power Spectral Density	2.47 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	1.3 dB (Peak), 0.45 dB (Ave)
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable
Loss (dB) – Preamp Gain (dB)

$36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) +
LISN Insertion Loss.

$36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible.

This report covers the NB UNII-1 and UNII-3 bands.

6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

UNII-1 Frequency Range (MHz)	Mode	Antenna	Configuration	Output Power (dBm)	Output Power (mW)
5162 - 5245	BDR	Ant 6	High Power	10.18	10.42
			Low Power	2.44	1.75
		Ant 5	High Power	10.17	10.40
			Low Power	2.68	1.85
		BF, Ant 6 + Ant 5	High Power	10.19	10.45
			Low Power	5.55	3.59
5162 - 5245	LE1M	Ant 6	High Power	10.23	10.54
			Low Power	2.46	1.76
		Ant 5	High Power	10.27	10.64
			Low Power	2.68	1.85
		BF, Ant 6 + Ant 5	High Power	10.27	10.64
			Low Power	5.56	3.60
5162 - 5245	LE2M	Ant 6	High Power	11.15	13.03
			Low Power	2.45	1.76
		Ant 5	High Power	11.17	13.09
			Low Power	2.68	1.85
		BF, Ant 6 + Ant 5	High Power	11.17	13.09
			Low Power	5.59	3.62
5162 - 5245	HDT4	Ant 6	High Power	12.68	18.54
			Low Power	-0.55	0.88
		Ant 5	High Power	11.45	13.96
			Low Power	-0.32	0.93
		BF, Ant 6 + Ant 5	High Power	12.59	18.16
			Low Power	2.59	1.82
5162 - 5245	HDT6	Ant 6	High Power	10.97	12.50
			Low Power	-3.53	0.44
		Ant 5	High Power	12.47	17.66
			Low Power	-3.32	0.47
		BF, Ant 6 + Ant 5	High Power	12.54	17.95
			Low Power	-0.42	0.91
5162 - 5245	HDRPS2	Ant 6	High Power	12.26	16.83
			Low Power	-0.51	0.89
		Ant 5	High Power	12.25	16.79
			Low Power	-0.33	0.93
		BF, Ant 6 + Ant 5	High Power	12.28	16.90
			Low Power	2.60	1.82
5162 - 5245	XHDRPM8	Ant 6	High Power	13.95	24.83
			Low Power	-0.51	0.89
		Ant 5	High Power	14.46	27.93
			Low Power	-0.31	0.93
		BF, Ant 6 + Ant 5	High Power	15.17	32.89
			Low Power	2.60	1.82
5164 - 5242	HDRPL16	Ant 6	High Power	13.97	24.95
			Low Power	-0.51	0.89
		Ant 5	High Power	14.47	27.99
			Low Power	-0.32	0.93
		BF, Ant 6 + Ant 5	High Power	17.21	52.60
			Low Power	2.60	1.82

UNII-3 Frequency Range (MHz)	Worst-Case Mode	Antenna	Configuration	Output Power (dBm)	Output Power (mW)
5733 - 5844	BDR	Ant 6	High Power	19.14	82.04
			Low Power	2.98	1.99
		Ant 5	High Power	19.46	88.31
			Low Power	3.18	2.08
		BF, Ant 6 + Ant 5	High Power	22.26	168.27
			Low Power	6.09	4.06
5733 - 5844	LE1M	Ant 6	High Power	19.14	82.04
			Low Power	2.98	1.99
		Ant 5	High Power	19.48	88.72
			Low Power	3.18	2.08
		BF, Ant 6 + Ant 5	High Power	22.30	169.82
			Low Power	6.06	4.04
5733 - 5844	LE2M	Ant 6	High Power	19.14	82.04
			Low Power	2.97	1.98
		Ant 5	High Power	19.48	88.72
			Low Power	3.11	2.05
		BF, Ant 6 + Ant 5	High Power	22.29	169.43
			Low Power	6.04	4.02
5733 - 5844	HDT4	Ant 6	High Power	14.13	25.88
			Low Power	-0.03	0.99
		Ant 5	High Power	14.48	28.05
			Low Power	0.14	1.03
		BF, Ant 6 + Ant 5	High Power	17.31	53.83
			Low Power	3.06	2.02
5733 - 5844	XHDRPS2	Ant 6	High Power	14.17	26.12
			Low Power	-0.02	1.00
		Ant 5	High Power	14.47	27.99
			Low Power	0.18	1.04
		BF, Ant 6 + Ant 5	High Power	17.32	53.95
			Low Power	3.08	2.03
5733 - 5844	XHDRPM8	Ant 6	High Power	14.18	26.18
			Low Power	-0.01	1.00
		Ant 5	High Power	14.45	27.86
			Low Power	0.16	1.04
		BF, Ant 6 + Ant 5	High Power	17.32	53.95
			Low Power	3.08	2.03
5733 - 5844	HDRPL16	Ant 6	High Power	14.13	25.88
			Low Power	-0.02	1.00
		Ant 5	High Power	14.46	27.93
			Low Power	0.13	1.03
		BF, Ant 6 + Ant 5	High Power	17.32	53.95
			Low Power	3.09	2.04

6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS

The antenna(s) gain and type (IFA), as provided by the manufacturer' are as follows:

Frequency Range (MHz)	Antenna 6 (dBi)	Antenna 5 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
5150 - 5250 UNII - 1	-4.00	-6.20	-4.96	-2.02
5725 - 5825 UNII 3	0.70	-6.40	-1.54	0.87

Note: antenna C0 and antenna C1 indicated in power tune-up document pertain to Ant 6 and ANT 5 of this report respectively.

The SMA Cable Loss as provided by the manufacturer' are as follows:

Frequency Range (MHz)	Cable Loss	
	Antenna 6 (dBi)	Antenna 5 (dBi)
5150 - 5250 UNII - 1	-3.00	-2.60
5725 - 5825 UNII 3	-3.20	-2.80

Cable loss used for RF antenna port tests was included in offset of the test equipment during testing.

6.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was Luck23A256.

6.5. WORST-CASE CONFIGURATION AND MODE

The EUT was investigated in three orthogonal orientations X, Y and Z on ANT 6, ANT 5 and 2TX, it was determined that Y (Landscape) was the worst-case orientation for both ANT 6 and ANT 5. And Z (Portrait) orientation for 2TX beamforming.

For Radiated band edge test all test modes have been investigated with power setting equal or higher than FCC conducted SISO modes as worst-case scenario and no emissions at both lower and upper band edges were found.

For the radiation spurious harmonics testing, we have investigated both SISO and MIMO modes under low power and high power, only high power mode data is included in report, as this represents the worst case.

For radiated harmonics spurious below 1GHz, 1-18GHz L/M/H channels, 18-26GHz, 26-40GHz and power line conducted emissions were performed with the EUT set at the 2TX BF at high power mode with power setting equal or higher than SISO modes as worst-case scenario.

Below 1GHz tests were performed with EUT connected to AC power adapter as the worst case; and for above 1GHz tests, the worst-case configuration reported was with EUT only. There were no emissions found below 30MHz within 20dB of the limit. For AC line conducted emission, test was investigated with AC power adapter and with laptop.

After the investigation, the worst case of power and PSD modes selecting for test are as table shown below.

5G			UNII-1			UNII-3		
Mode	BW (MHz)	Modulation	Frequency Range (MHz)	Worst Case Tone		Frequency Range (MHz)	Worst Case Tone	
				Power	PSD		Power	PSD
BT5G	1MHz	BDR	5162-5245	X	X	5733-5844	X	X
	1.5MHz	EDR2	N5			N5		
		EDR3						
LE	1MHz	LE Adv	5162-5245			5733-5844		
		LE1M		X	X		X	X
		LELR8						
		LELR2						
	2MHz	LE2M	5162-5245	X	X	5733-5844	X	X
	2.5MHz	HDT2	5162-5245			5733-5844		
		HDT3						
		HDT4		X	X		X	X
		HDT6		X	X			
		HDT8						
HDR	2.5MHz	HDR4	5162-5245			5733-5844		
		HDRPS2		X	X			
		XHDRPS2					X	X
	5MHz	HDR8	5162-5245			5733-5844		
		HDRPM4						
		HDRPM6						
		HDRPM8						
		XHDRPM4						
		XHDRPM6						
		XHDRPM8		X	X		X	X
		HDRPM12						
		HDRPM16						
		XHDRPM12						
		XHDRPM16						
	9MHz	HDRPL8	5164-5242			5733-5844		
		HDRPL12						
		HDRPL16		X	X		X	X
		XHDRPL8						
		XHDRPL12						
		XHDRPL16						
		HDRPL24						
		HDRPL32						
		XHDRPL24						
		XHDRPL32						

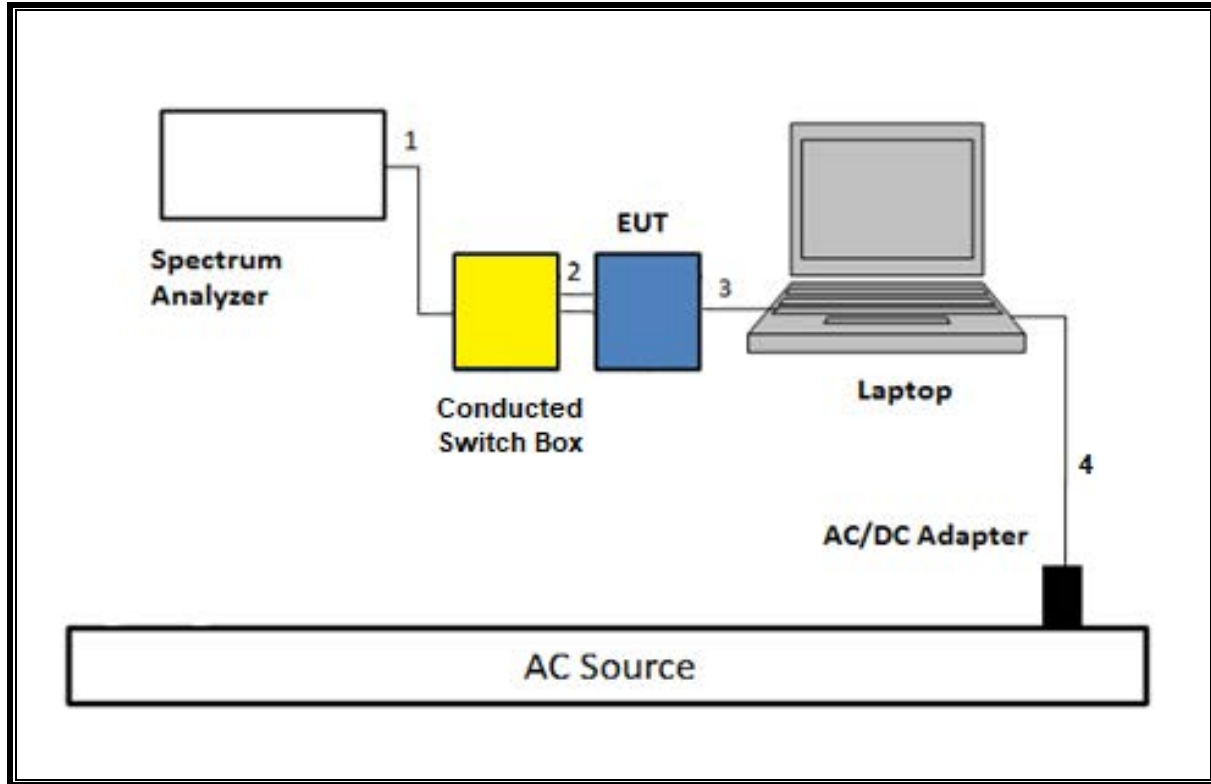
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
Laptop		Apple	Macbook	G2YKJ9LWH5		N/A
Laptop AC/DC adapter		Apple	N/A	C4H238408AEPM0WAS		DoC
EUT AC/DC adapter		Apple	N/A	C4H238505ARPM0WAP		DoC
Conducted Switch Box		UL	N/A	245782		N/A
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	SMA	1	SMA	Shielded	0.2	To spectrum Analyzer
2	Antenna	2	SMA	Shielded	0.2	EUT to Switchbox
3	USB	1	USB-C	Shielded	1.0	N/A
4	DC	1	DC	Shielded	2	N/A
I/O CABLES (RF RADIATED AND AC LINE CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	DC	Shielded	2	N/A
2	USB	1	USB-C	Shielded	1	N/A

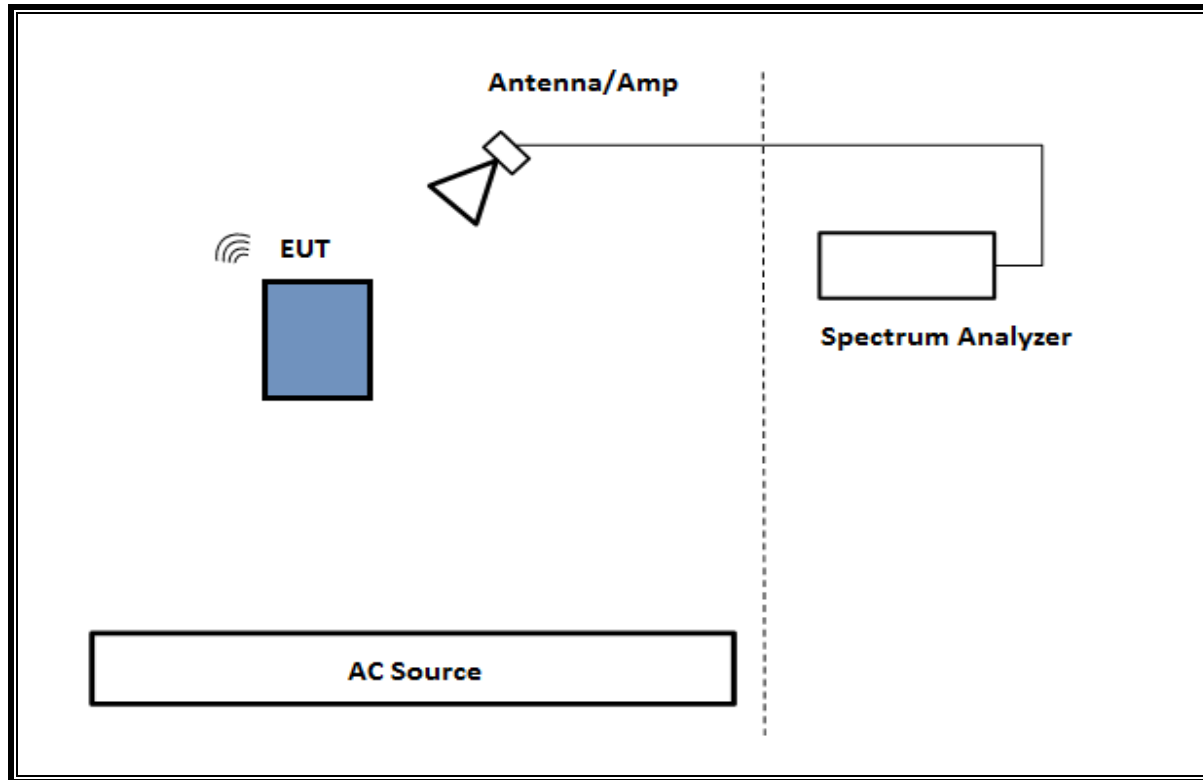
TEST SETUP

The EUT setup is shown as below. Test software exercised the radio card.

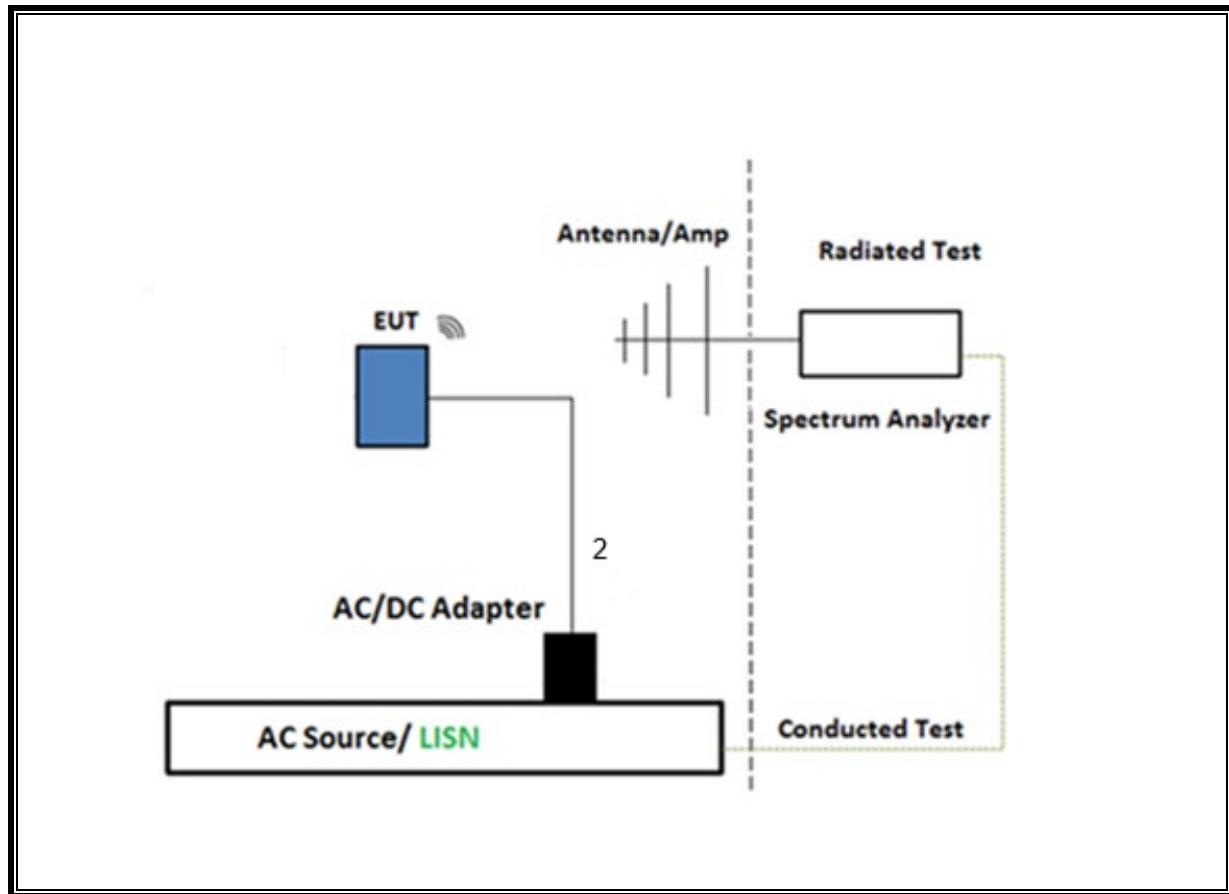
SETUP DIAGRAM FOR CONDUCTED TESTS



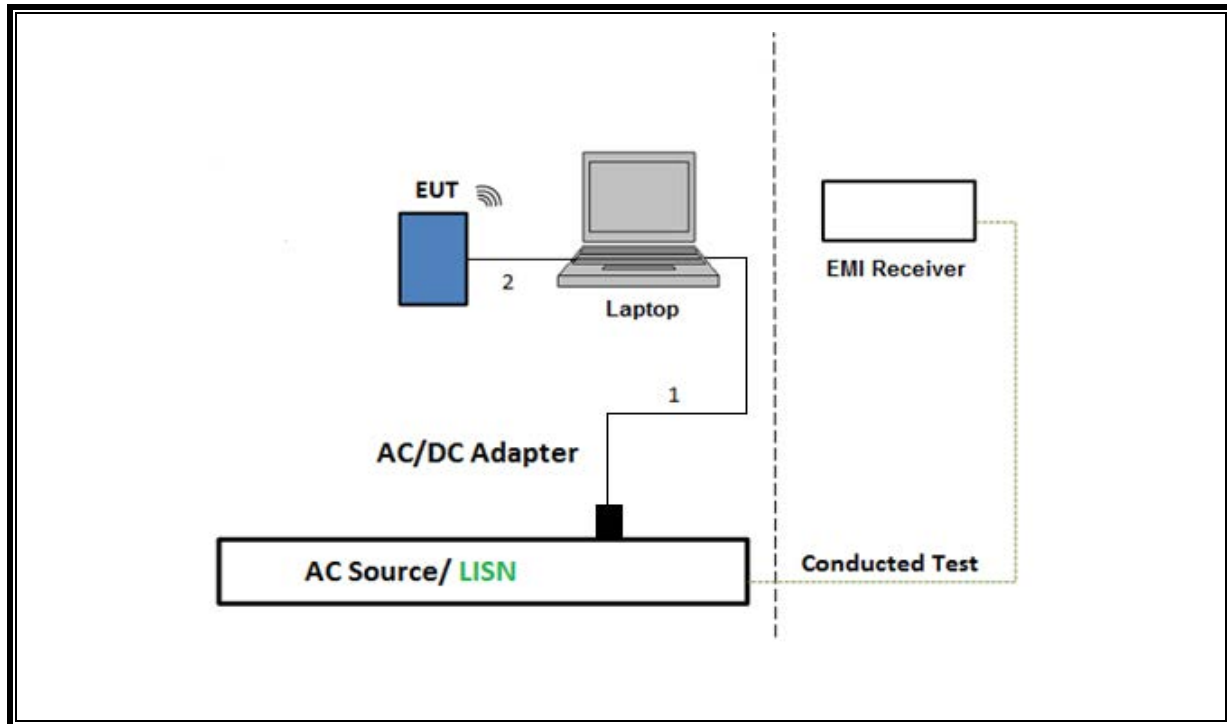
SETUP DIAGRAM FOR RADIATED TESTS Above 1 GHz



SETUP DIAGRAM FOR Below 1GHz and AC LINE CONDUCTED TEST



TEST SETUP- AC LINE CONDUCTED: LAPTOP CONFIGURATION



7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Description	Manufacturer	Model	ID Num	Cal Due
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A-544	90238	2026-01-31
Spectrum Analyzer, PXA, 3Hz to 50GHz w/Ext. Mixer	Keysight Technologies Inc	N9030A	80400	2026-01-31
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90718	2026-03-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
RF Device, Switch	UL	CSB	245262	2026-04-30
RF Device, Switch	UL	CSB	262287	2026-04-30
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A-544	90238	2026-03-31
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	79834	2026-07-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	237597	2025-10-31
EMI Test Receiver	Rohde & Schwarz	ESW44	169935	2026-02-27
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	226674	2027-03-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 1.0	250156	2025-10-31
EMI Test Receiver	Rohde & Schwarz	ESW44	225683	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	80430	2026-09-30
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	224478	2026-01-31
EMI Test Receiver	Rohde & Schwarz	ESW44	201499	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	222741	2026-09-30
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	217521	2025-08-31
EMI Test Receiver	Rohde & Schwarz	ESW44	223461	2026-02-28
Antenna, Broadband Hybrid 30 MHz - 2 or 3 GHz	Sunol Sciences Corp.	JB3	204044	2026-03-31
Link File, @3m, 9kHz-1000MHz Hybrid Path Loss	UL-FR1	Port 0 Factors	226862	2026-05-31
Antenna, Horn 18-26.5GHz	A.R.A	MWH-1826/B	81139	2025-08-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Amplical	AMP18G26.5-60	220194	2026-04-29
Antenna, Horn 26.5-40GHz	A.R.A	MWH-2640/B	172367	2026-07-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Amplical	AMP26G40-65	220537	2025-07-31
Antenna, Passive Loop 30Hz-1MHz	Electro-Metrics	EM-6871	170013	2026-09-30
Antenna, Passive Loop 100kHz-30MHz	Electro-Metrics	EM-6872	170015	2026-09-30

AC Line Conducted				
Description	Manufacturer	Model	ID Num	Cal Due
EMI Test Receiver 9kHz-7GHz	Rohde & Schwarz	ESR	171646	2026-02-28
LISN for Conducted Emissions CISPR-16	Fischer Custom Communications	FCC-LISN-50/250-25-2-01-480V	175765	2026-01-31
Transient Limiter	TE	TBFL1	207996	2025-09-30
UL AUTOMATION SOFTWARE				
Conducted Software	UL	Antenna Port	Ver 2022.8.16	
Conducted Software	UL	Station Tool	Ver 1.0, 4.1, 5.2, & 5.3	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	
AC Line Conducted Software	UL	UL EMC	Ver 9.5, Mar 3, 2023	

*Testing was completed before equipment calibration date

8. MEASUREMENT METHODS

On Time and Duty Cycle: KDB 789033 D02, Section B.

6 dB Emission BW: KDB 789033 D02, Section C.2

26 dB Emission BW: KDB 789033 D02, Section C.1

99% Occupied BW: KDB 789033 D02, Section D.

Conducted Output Power: KDB 789033 D02

Power Spectral Density: KDB 789033 D02, Section F

Unwanted emissions in restricted bands: KDB 789033 D02, Sections G.3, G.4, G.5, and G.6.

Unwanted emissions in non-restricted bands: KDB 789033 D02, Sections G.3, G.4, and G.5.

AC Power Line Conducted Emissions: ANSI C63.10-2020, Section 6.2.

Radiated Spurious Emissions Below 30MHz: ANSI C63.10-2020 Section 6.4

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

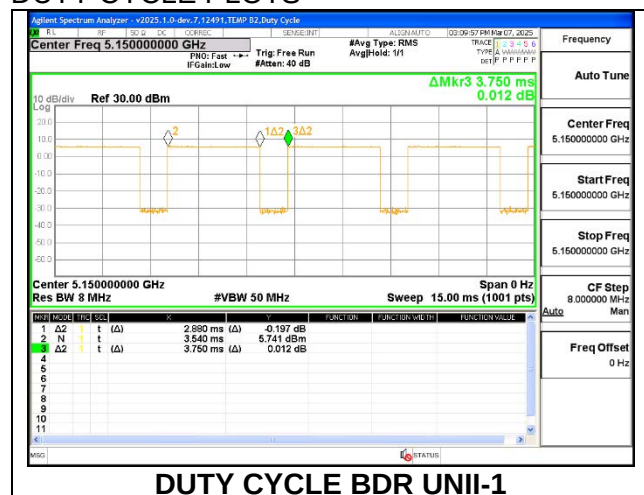
ANSI C63.10, Section 12.2: Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time T (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)
BDR	2.88	3.75	0.768	76.8	1.15	0.347
LE1M	2.12	2.50	0.848	84.8	0.72	0.472
LE2M	1.07	1.88	0.571	57.1	2.44	0.935
HDT4	1.10	1.18	0.934	93.4	0.30	0.908
HDT6	0.76	0.83	0.906	90.6	0.43	1.323
HDRPS2	16.15	17.50	0.923	92.3	0.35	0.062
XHDRPS2	32.30	32.50	0.994	99.4	0.00	0.010
XHDRPM8	8.07	8.76	0.921	92.1	0.36	0.124
HDRPL16	3.62	3.75	0.964	96.4	0.16	0.277

Note: The same DCCF is used for both 1TX and 2TX.

DUTY CYCLE PLOTS



9.2. 26 dB AND 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

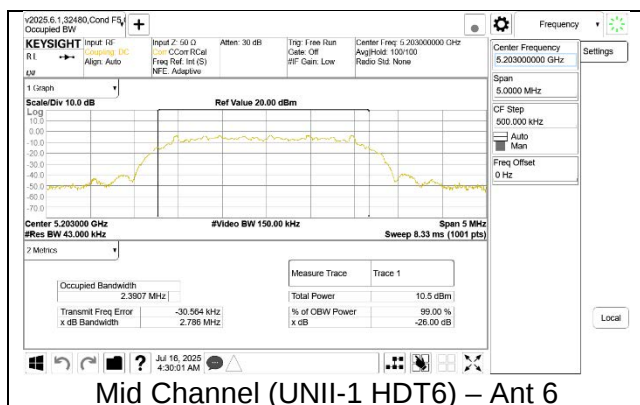
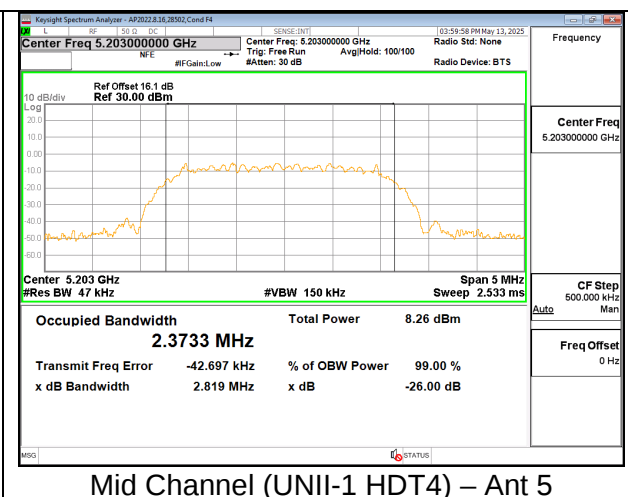
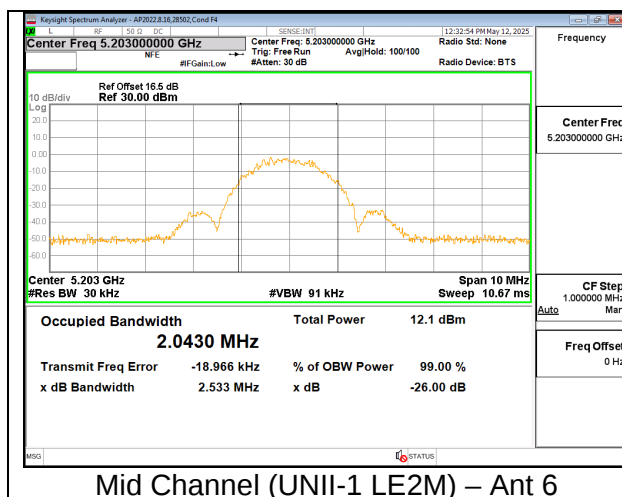
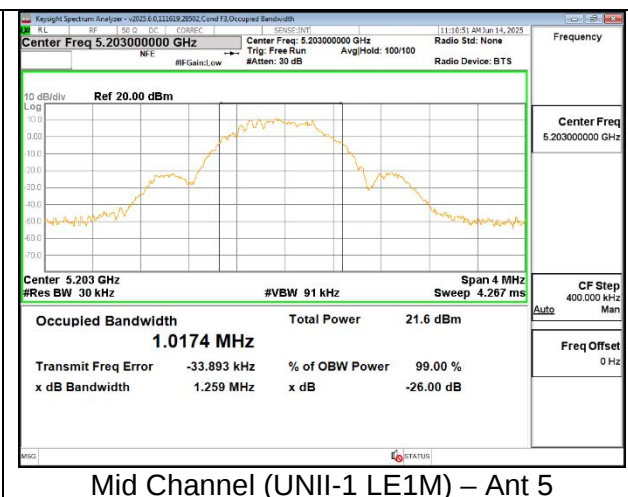
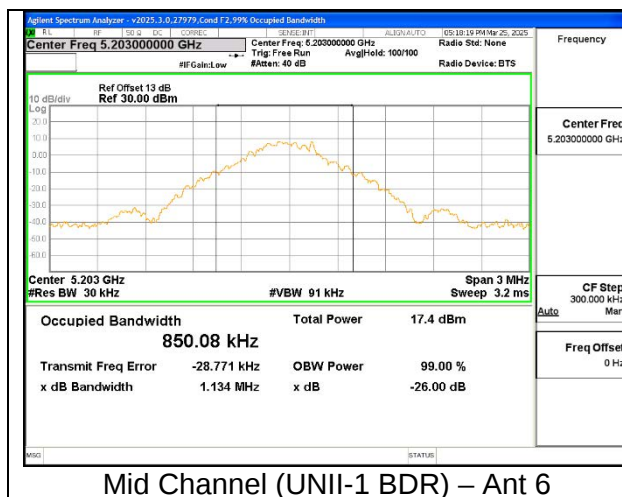
The transmitter output is connected to a spectrum analyzer. The RBW is set to $\geq 1\%$ of the 20 dB bandwidth. The VBW is set to $\geq 3 \times \text{RBW}$. The sweep time is coupled.

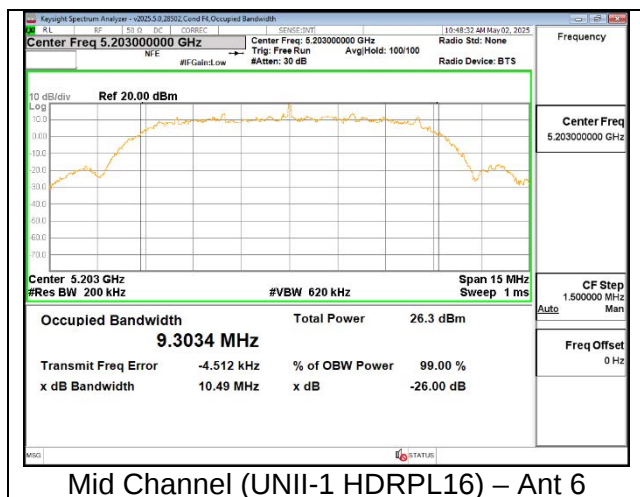
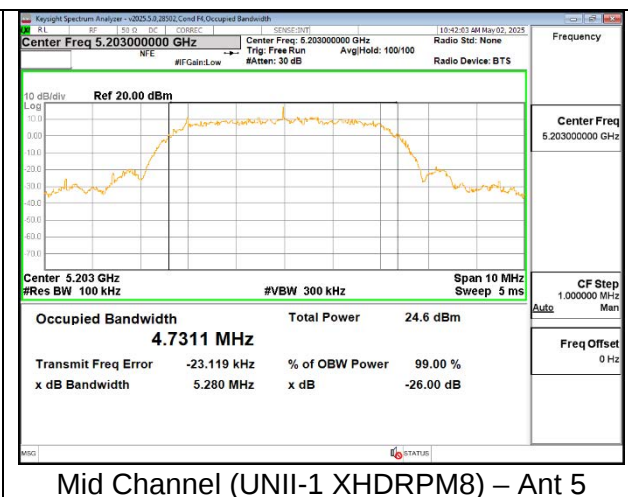
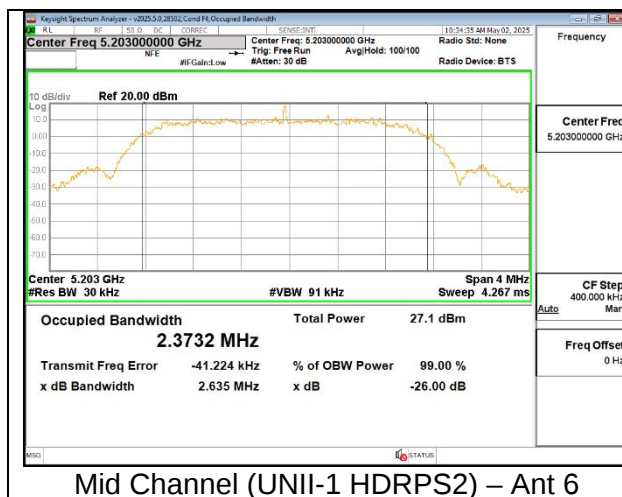
RESULTS

Only High Power modes result is reported, it covers all Low Power modes. Only Mid channel plot is reported to show setting parameter complies with testing method/procedure.

9.2.1. HIGH POWER SISO MODE

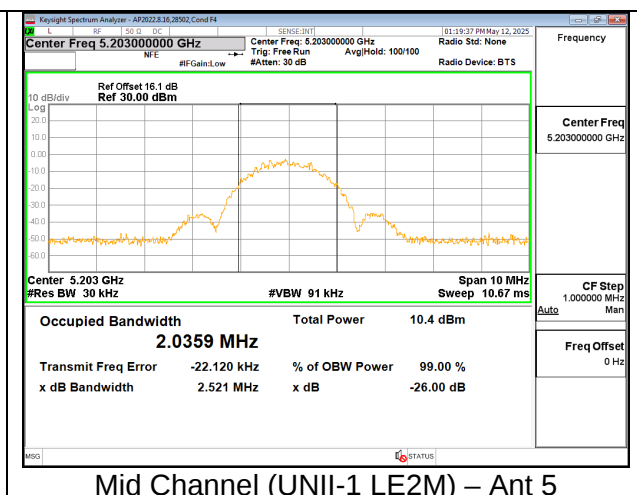
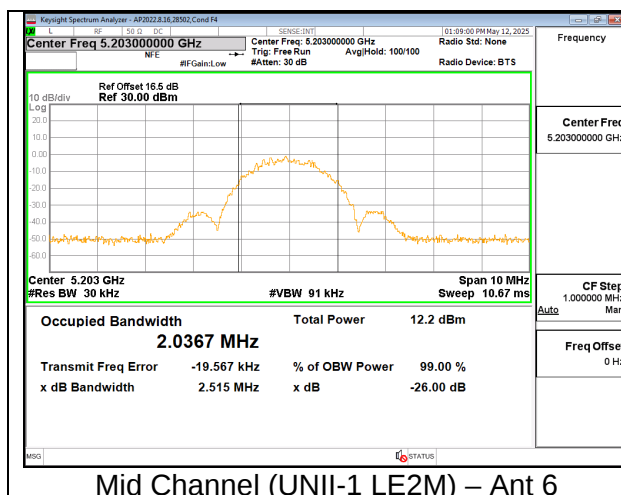
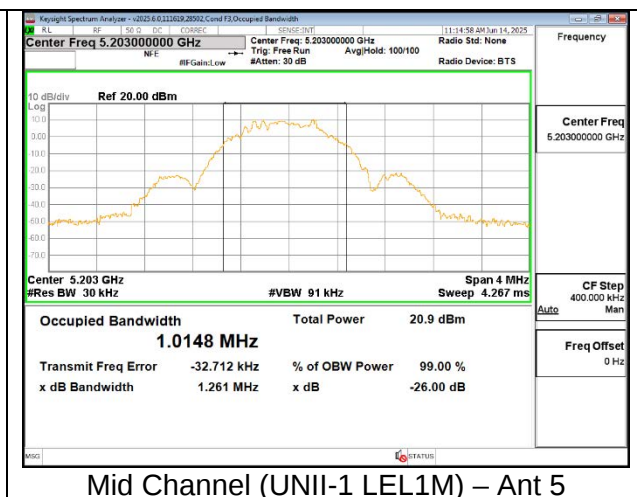
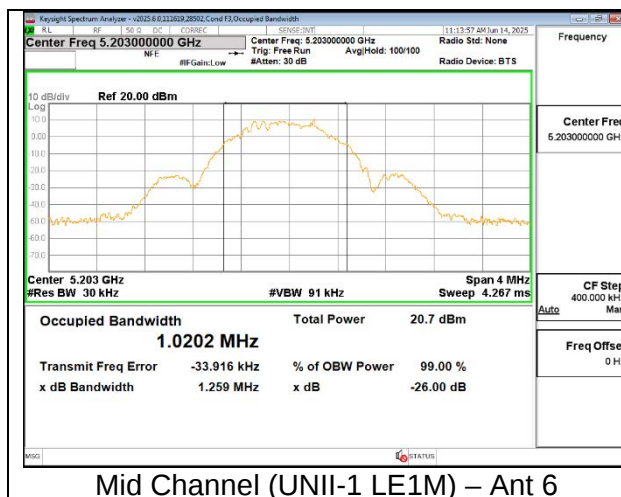
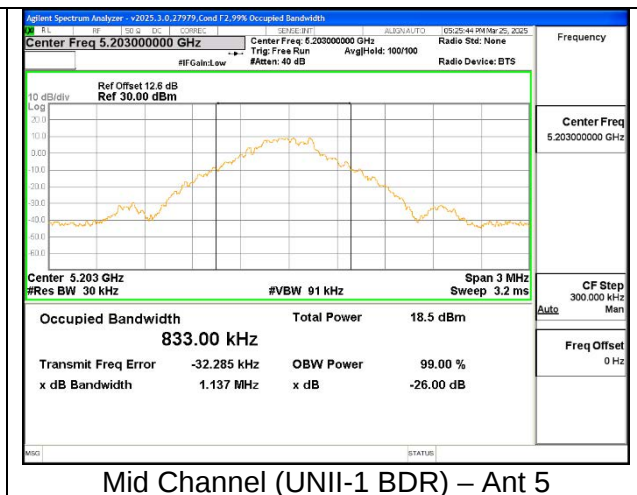
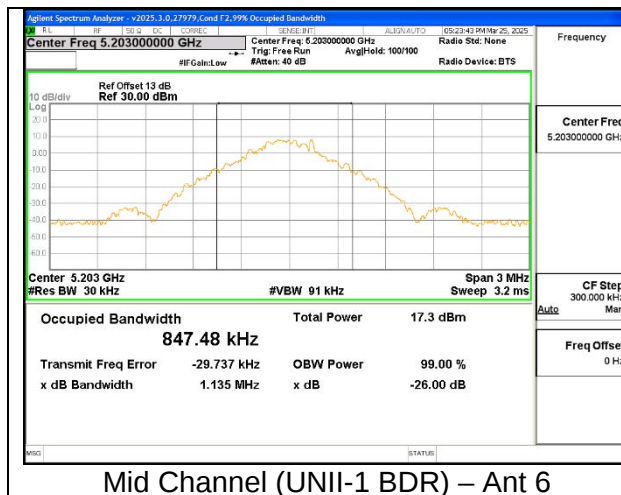
Worst-Case Mode (SISO)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5162	Low	1.133	1.137	0.8657	0.8475
	5203	Mid	1.134	1.138	0.8500	0.8375
	5245	High	1.134	1.141	0.8556	0.8491
LE1M	5162	Low	1.260	1.259	1.0222	1.0138
	5203	Mid	1.262	1.259	1.0178	1.0174
	5245	High	1.256	1.261	1.0193	1.0182
LE2M	5162	Low	2.514	2.536	2.0353	2.0397
	5203	Mid	2.533	2.516	2.0430	2.0411
	5245	High	2.513	2.511	2.0323	2.0350
HDT4	5162	Low	2.817	2.816	2.3717	2.3760
	5203	Mid	2.813	2.819	2.3685	2.3733
	5245	High	2.815	2.816	2.3749	2.3730
HDT6	5162	Low	2.788	2.791	2.3954	2.3932
	5203	Mid	2.786	2.786	2.3907	2.3966
	5245	High	2.783	2.783	2.3915	2.3914
HDRPS2	5162	Low	2.673	2.758	2.3771	2.3650
	5203	Mid	2.635	2.745	2.3732	2.3625
	5245	High	2.725	2.759	2.3766	2.3734
XHDRPM8	5162	Low	5.396	5.492	4.7457	4.7394
	5203	Mid	5.539	5.280	4.7174	4.7311
	5245	High	5.325	5.527	4.7057	4.7257
HDRPL16	5164	Low	10.930	10.430	9.3929	9.3455
	5203	Mid	10.490	10.470	9.3034	9.3616
	5242	High	10.490	11.060	9.3566	9.4181

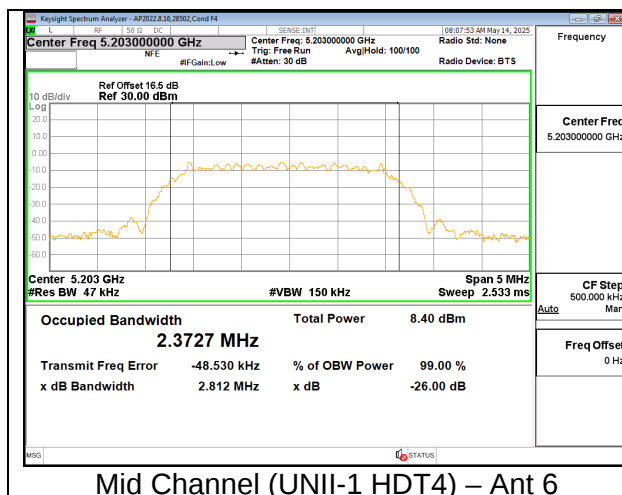




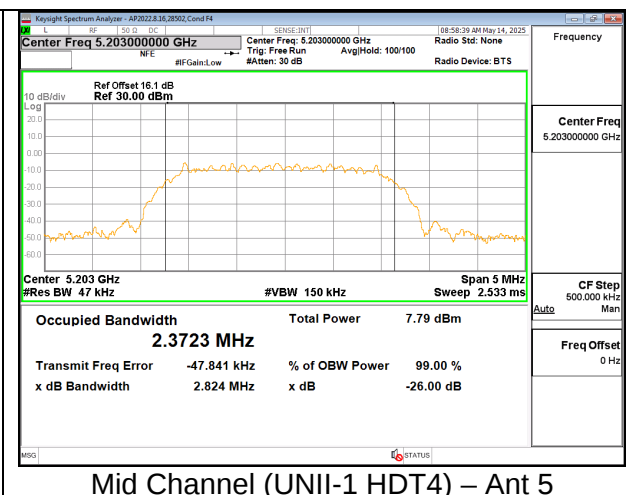
9.2.2. HIGH POWER TXBF MODE

Worst-Case Mode (TxBF)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5162	Low	1.144	1.390	0.8560	0.8516
	5203	Mid	1.135	1.137	0.8474	0.8330
	5245	High	1.134	1.139	0.8648	0.8560
LE1M	5162	Low	1.258	1.257	1.0185	1.0220
	5203	Mid	1.259	1.261	1.0202	1.0148
	5245	High	1.259	1.260	1.0157	1.0195
LE2M	5162	Low	2.516	2.513	2.0349	2.0356
	5203	Mid	2.515	2.521	2.0367	2.0359
	5245	High	2.518	2.521	2.0380	2.0430
HDT4	5162	Low	2.821	2.812	2.3729	2.3743
	5203	Mid	2.812	2.824	2.3727	2.3723
	5245	High	2.823	2.818	2.3724	2.3709
HDT6	5162	Low	2.787	2.789	2.3928	2.3949
	5203	Mid	2.785	2.793	2.3910	2.3902
	5245	High	2.786	2.789	2.3918	2.3942
HDRPS2	5162	Low	2.742	2.765	2.3889	2.3783
	5203	Mid	2.762	2.770	2.3802	2.3838
	5245	High	2.641	2.749	2.3548	2.3808
XHDRPM8	5162	Low	5.533	5.317	4.7200	4.7117
	5203	Mid	5.418	5.544	4.7327	4.7459
	5245	High	5.533	5.333	4.7251	4.7186
HDRPL16	5164	Low	10.460	10.990	9.3495	9.4394
	5203	Mid	10.410	10.680	9.3270	9.3698
	5242	High	10.970	10.910	9.4417	9.4220

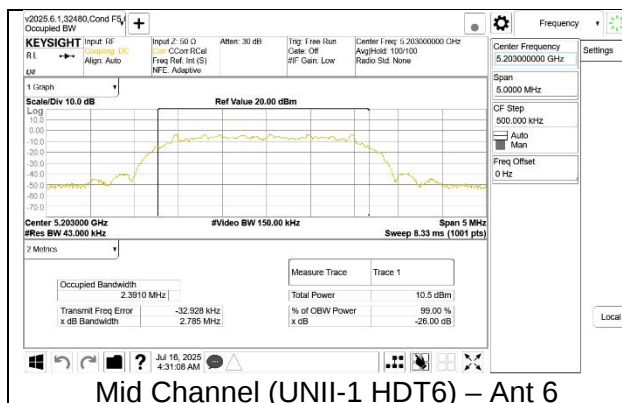




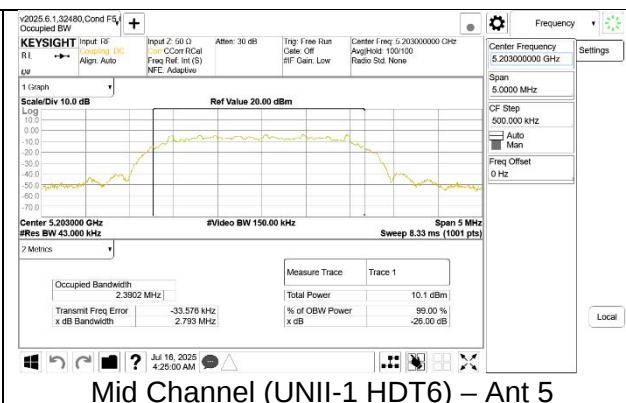
Mid Channel (UNII-1 HDT4) – Ant 6



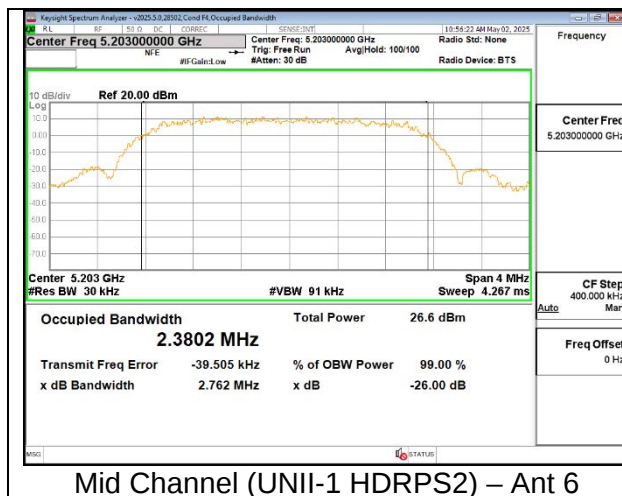
Mid Channel (UNII-1 HDT4) – Ant 5



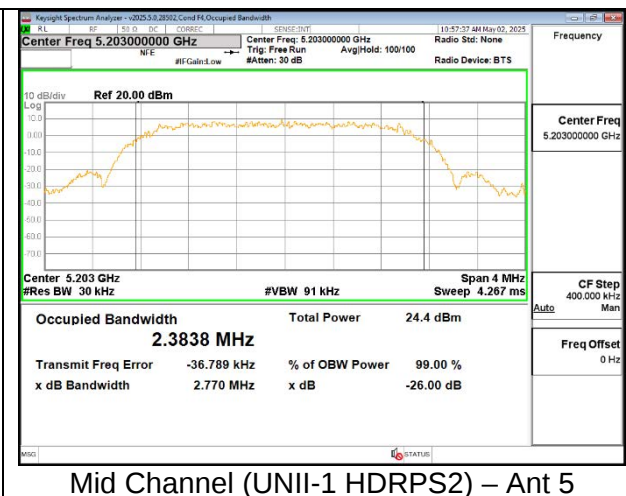
Mid Channel (UNII-1 HDT6) – Ant 6



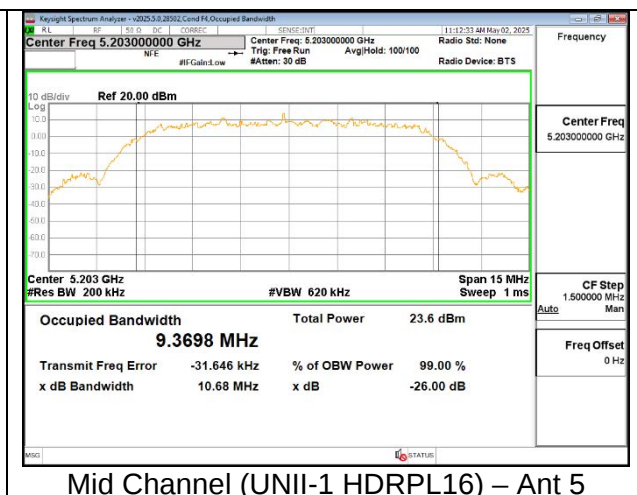
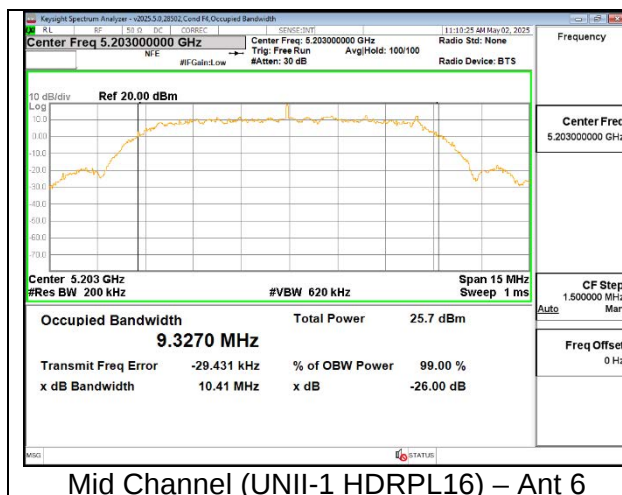
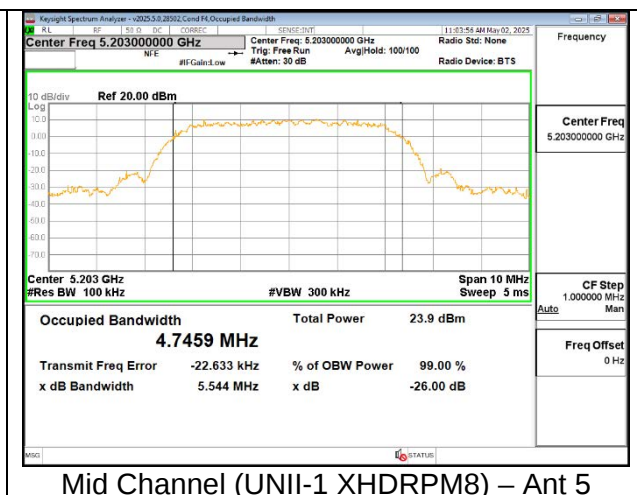
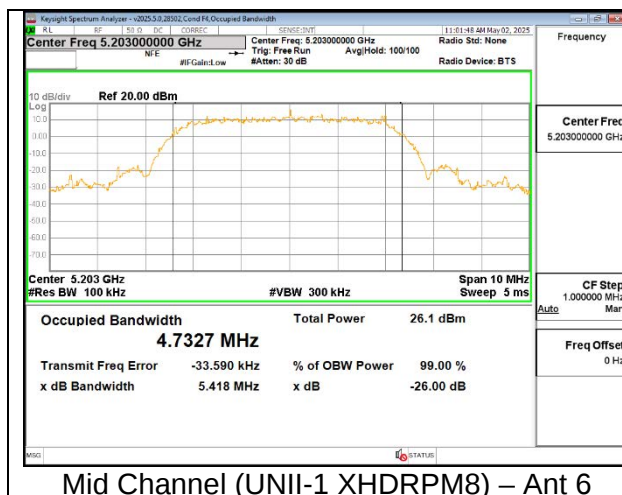
Mid Channel (UNII-1 HDT6) – Ant 5



Mid Channel (UNII-1 HDRPS2) – Ant 6

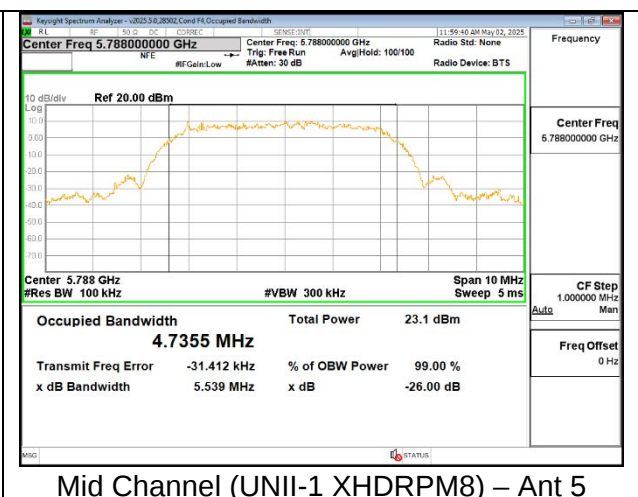
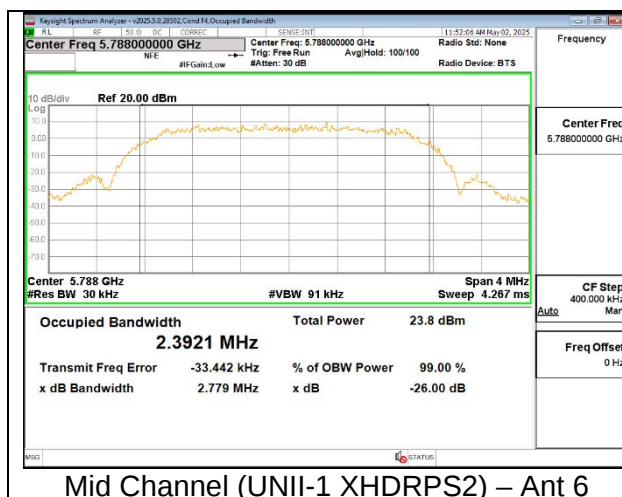
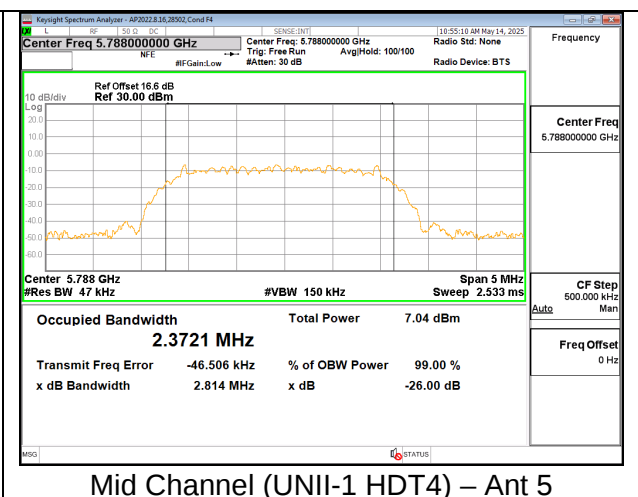
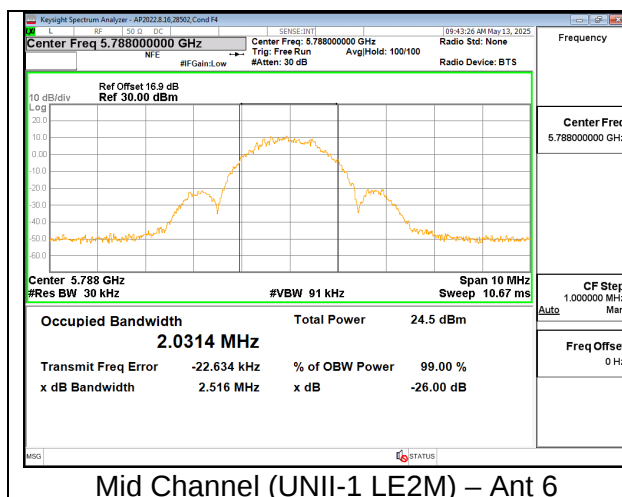
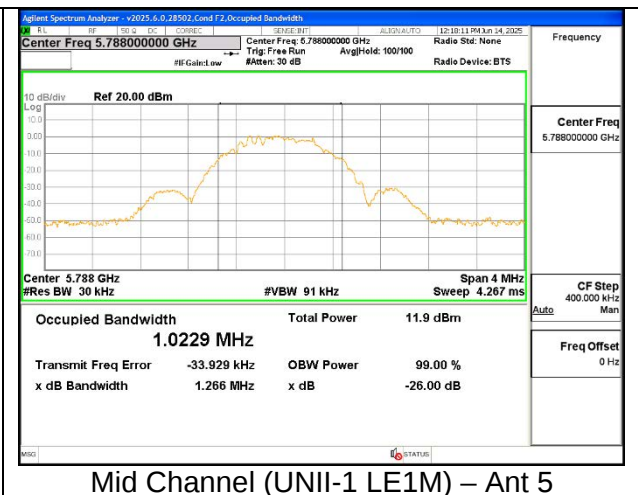
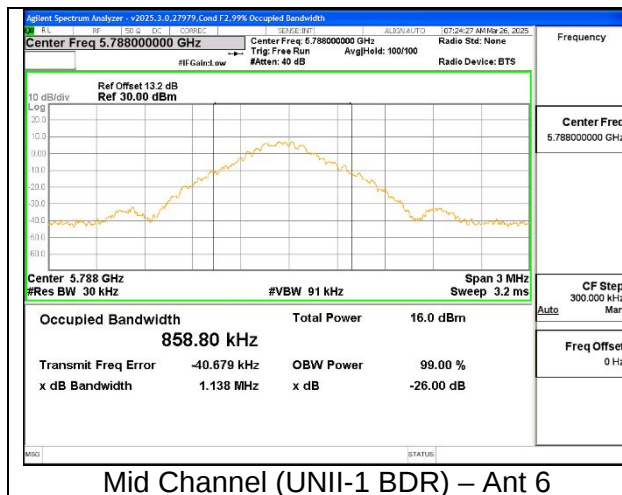


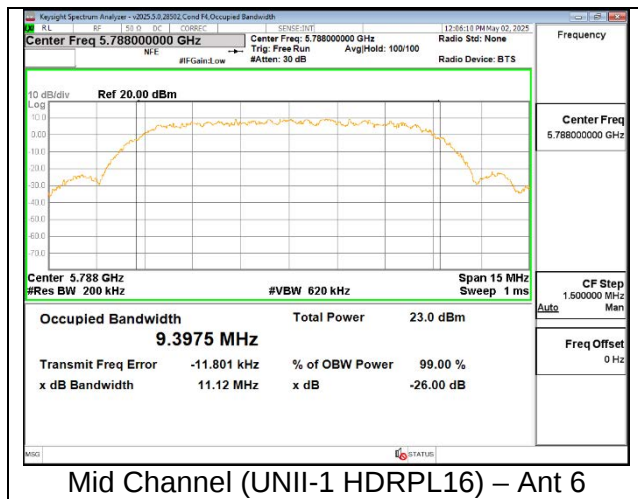
Mid Channel (UNII-1 HDRPS2) – Ant 5



9.2.3. UNII-3 HIGH POWER SISO MODE

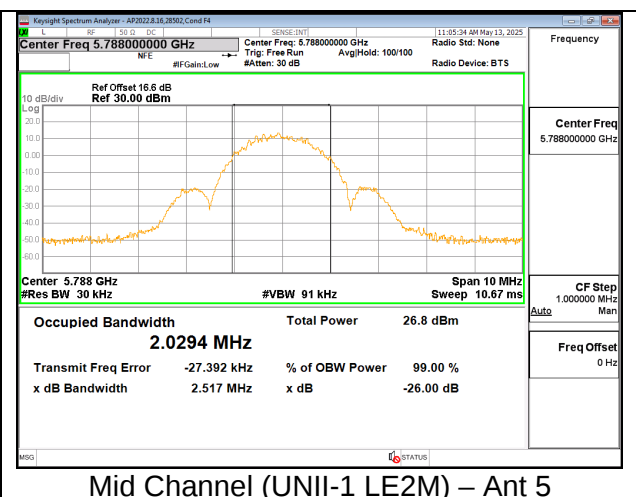
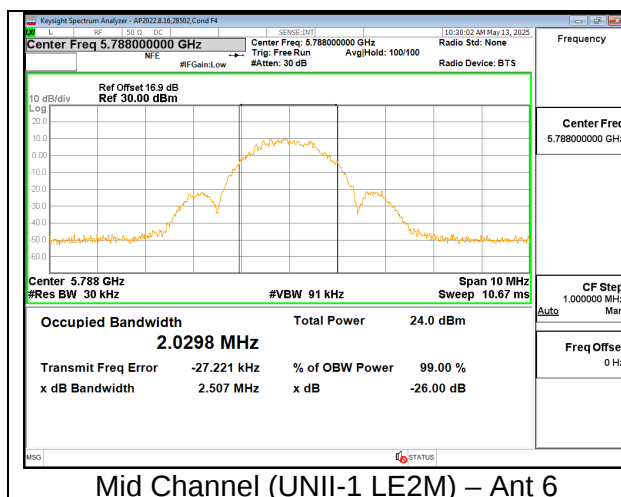
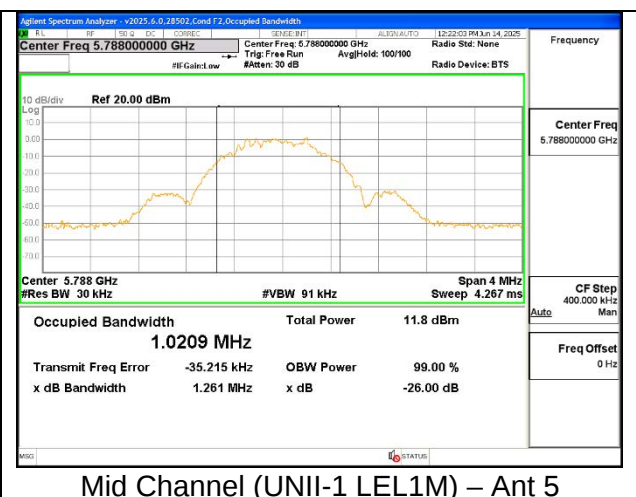
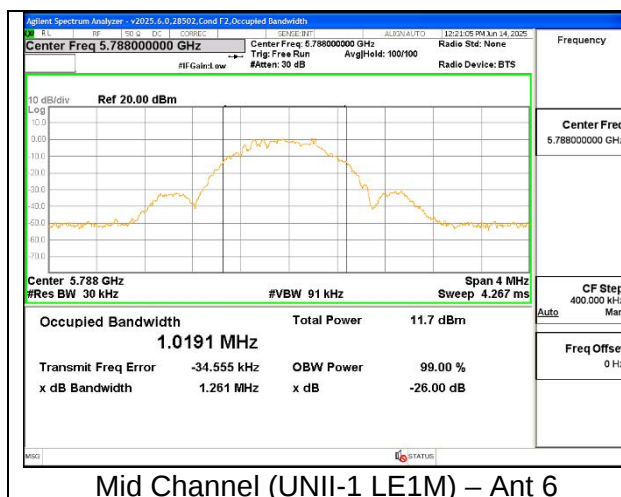
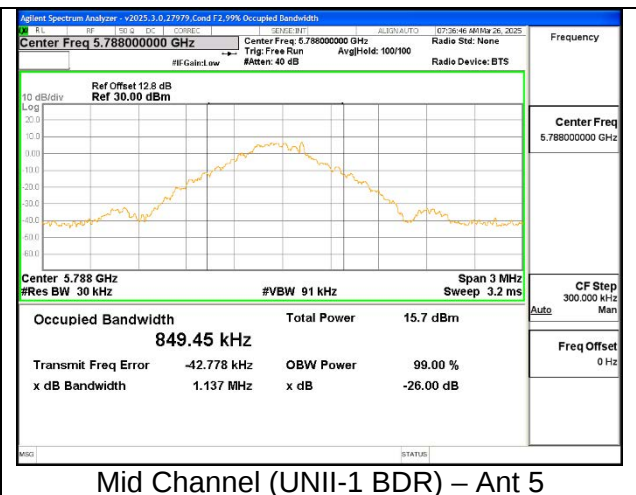
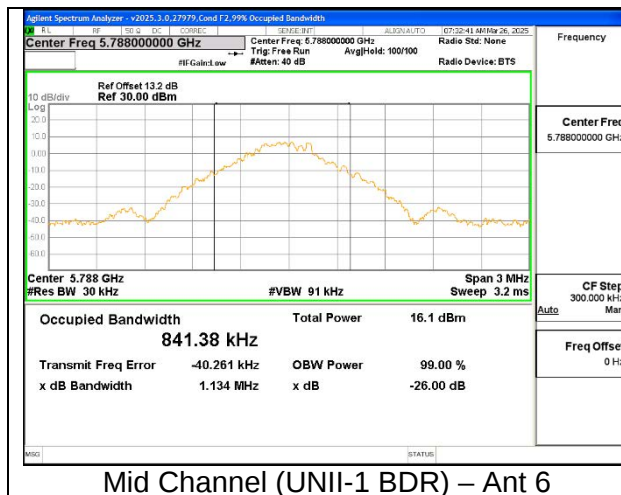
Worst-Case Mode (SISO)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5733	Low	1.198	1.143	0.8595	0.8646
	5788	Mid	1.138	1.142	0.8588	0.8488
	5844	High	1.135	1.145	0.8510	0.8579
LE1M	5733	Low	1.260	1.259	1.0217	1.0191
	5788	Mid	1.265	1.266	1.0221	1.0229
	5844	High	1.259	1.265	1.0206	1.0207
LE2M	5733	Low	2.519	2.510	2.0308	2.0288
	5788	Mid	2.516	2.507	2.0314	2.0303
	5844	High	2.512	2.501	2.0319	2.0297
HDT4	5733	Low	2.815	2.806	2.3747	2.3723
	5788	Mid	2.819	2.814	2.3727	2.3721
	5844	High	2.816	2.818	2.3730	2.3686
XHDRPS2	5733	Low	2.775	2.658	2.3755	2.3698
	5788	Mid	2.779	2.774	2.3921	2.3711
	5844	High	2.676	2.796	2.3714	2.3910
XHDRPM8	5733	Low	5.536	5.337	4.7277	4.7087
	5788	Mid	5.419	5.539	4.7257	4.7355
	5844	High	5.355	5.320	4.7317	4.7170
HDRPL16	5733	Low	11.010	10.960	9.3973	9.4429
	5788	Mid	11.120	11.060	9.3975	9.4269
	5844	High	11.070	10.590	9.3977	9.3469

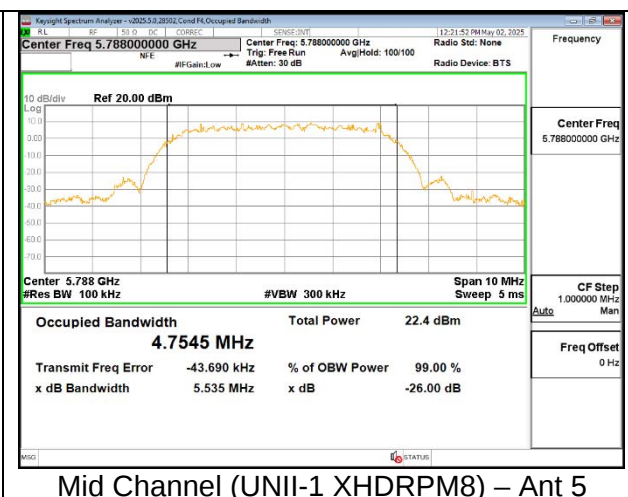
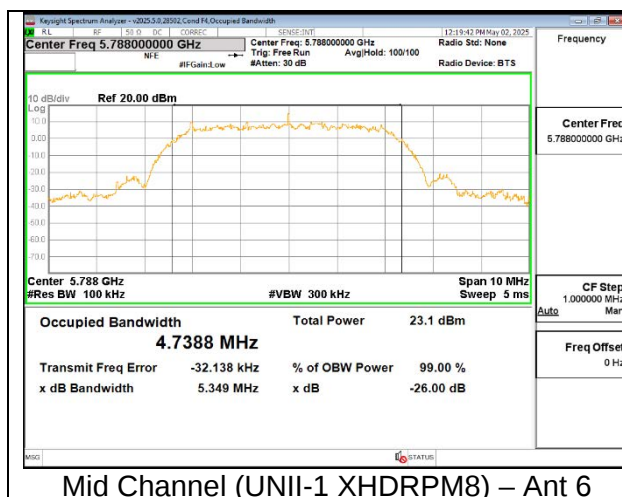
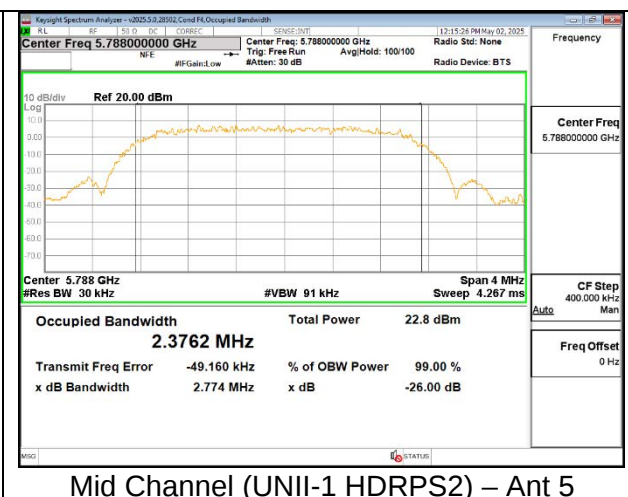
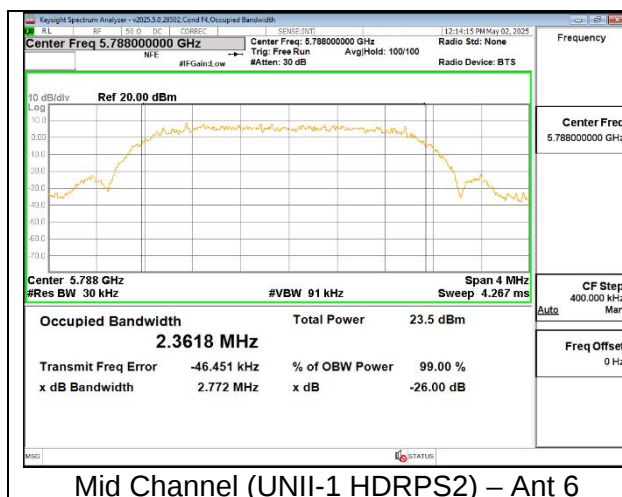
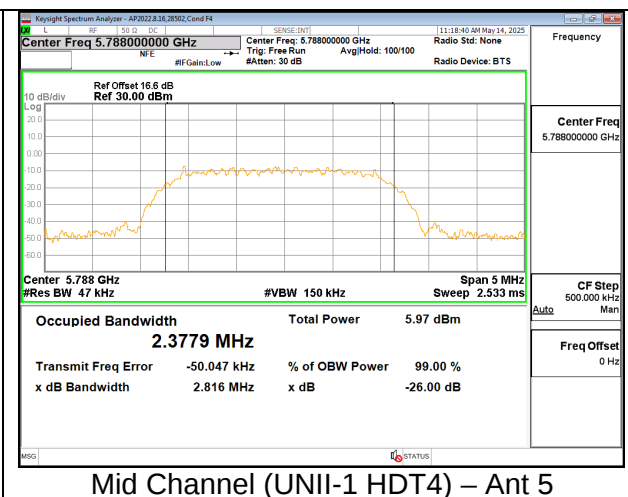
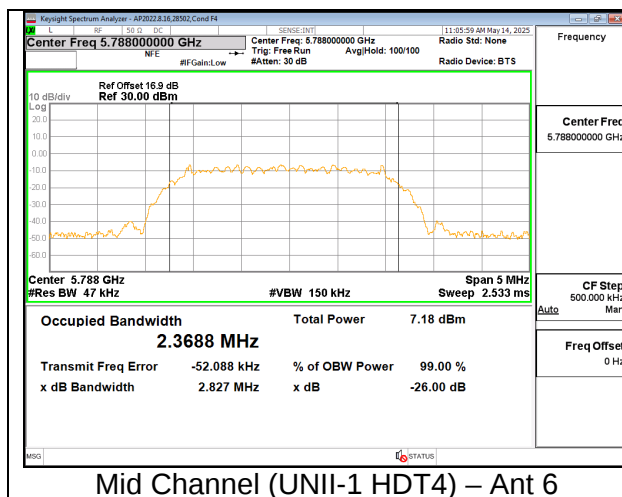


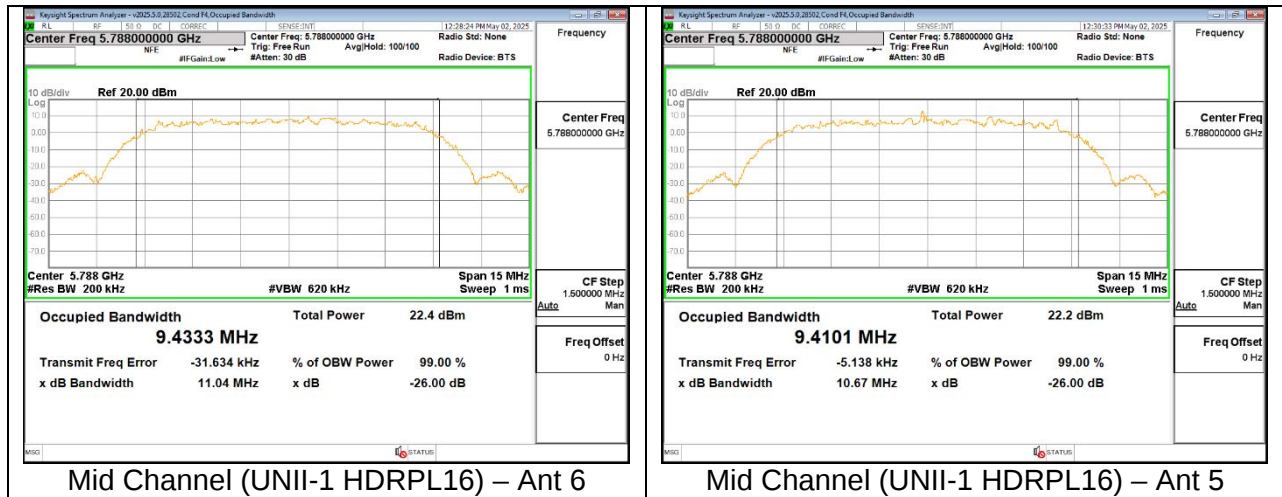


9.2.4. UNII-3 HIGH POWER TXBF MODE

Worst-Case Mode (TxBF)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5733	Low	1.146	1.143	0.8513	0.8580
	5788	Mid	1.134	1.137	0.8413	0.8494
	5844	High	1.133	1.142	0.8469	0.8620
LE1M	5733	Low	1.262	1.260	1.0188	1.0174
	5788	Mid	1.261	1.261	1.0191	1.0209
	5844	High	1.256	1.260	1.0203	1.0242
LE2M	5733	Low	2.512	2.505	2.0309	2.0271
	5788	Mid	2.507	2.517	2.0298	2.0294
	5844	High	2.512	2.501	2.0292	2.0299
HDT4	5733	Low	2.824	2.824	2.3713	2.3690
	5788	Mid	2.827	2.816	2.3688	2.3779
	5844	High	2.817	2.823	2.3762	2.3724
XHDRPS2	5733	Low	2.773	2.763	2.3853	2.3872
	5788	Mid	2.772	2.774	2.3618	2.3620
	5844	High	2.762	2.728	2.3695	2.3745
XHDRPM8	5733	Low	5.383	5.312	4.7227	4.7220
	5788	Mid	5.349	5.535	4.7388	4.7545
	5844	High	5.382	5.475	4.5110	4.7447
HDRPL16	5733	Low	10.540	11.000	9.3549	9.3944
	5788	Mid	11.040	10.670	9.4333	9.4101
	5844	High	10.900	11.040	9.3541	9.3963







9.3. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

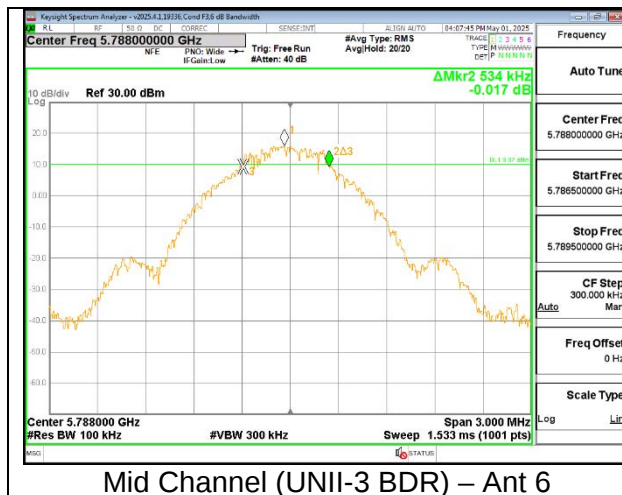
RESULTS

For 6dB bandwidth measurements, the narrowest bandwidths of BDR mode was set to test as the worst-case scenario.

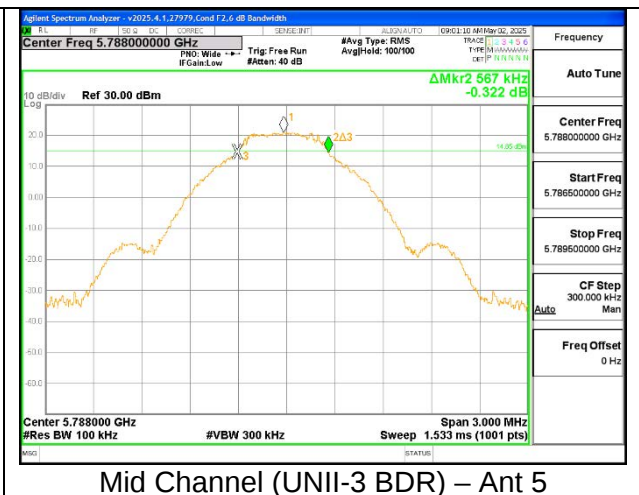
Only High Power at BDR mode result is reported, it covers all Low Power modes. Only Mid channel plot is reported to show setting parameter complies with testing method/procedure.

9.3.1. HIGH OUTPUT BDR SISO MODE IN THE UNII-3 BAND

UNII-3 (SISO)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 6	Ant 5
BDR	5733	Low	0.549	0.549
	5788	Mid	0.534	0.567
	5844	High	0.555	0.540



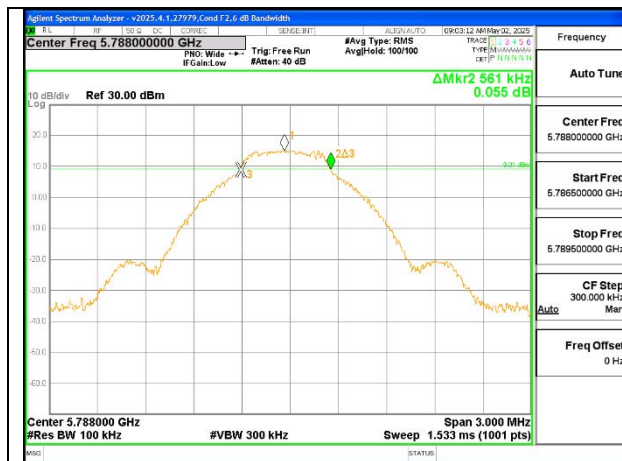
Mid Channel (UNII-3 BDR) – Ant 6



Mid Channel (UNII-3 BDR) – Ant 5

9.3.2. HIGH OUTPUT BDR TXBF MODE IN THE UNII-3 BAND

UNII-3 (TxBF)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 6	Ant 5
BDR	5733	Low	0.558	0.540
	5788	Mid	0.561	0.549
	5844	High	0.561	0.549



Mid Channel (UNII-3 BDR) – Ant 6



Mid Channel (UNII-3 BDR) – Ant 5

9.4. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02, Section E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02, Section F.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

Tx chains are correlated for power and correlated for PSD due to the device supporting TX BF in all MIMO modes. The directional gains are as follows:

Frequency Range (MHz)	Antenna 6 (dBi)	Antenna 5 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
5150 - 5250 UNII - 1	-4.00	-6.20	-4.96	-2.02
5725 - 5825 UNII 3	0.70	-6.40	-1.54	0.87

RESULTS:

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2020 section 14.6.3

Uncorrelated directional gain= $10 \cdot \log((10^{(\text{Ant1}/10)} + 10^{(\text{Ant2}/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(\text{Ant1}/20)} + 10^{(\text{Ant2}/20)})^2)/2)$

Sample Calculation:

Ant6=-4.00, Ant5=-6.20

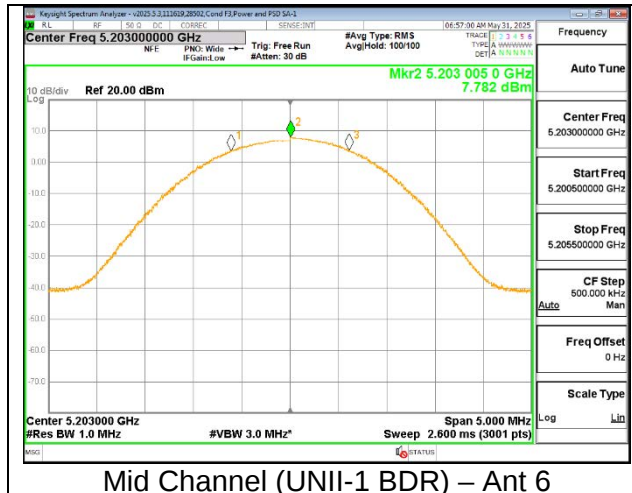
Uncorrelated Antenna gain= $10 \log[(10^{(-4.00/10)} + 10^{(-6.20/10)})/2] = -4.96 \text{dBi}$

Correlated Antenna gain= $10 \log[(10^{(-4.00/20)} + 10^{(-6.20/20)})^2/2] = -2.02 \text{dBi}$

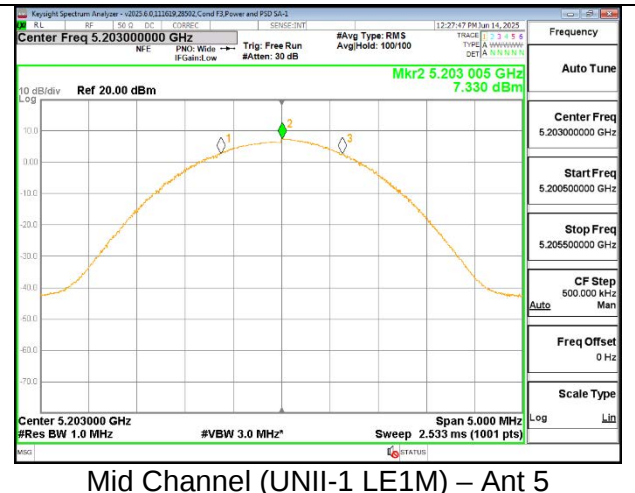
9.4.1. UNII-1 BAND SISO MODE

UNII-1 (SISO) (5162 - 5245MHz)	
Ant 6 (dBi)	-4.00
Ant 5 (dBi)	-6.20

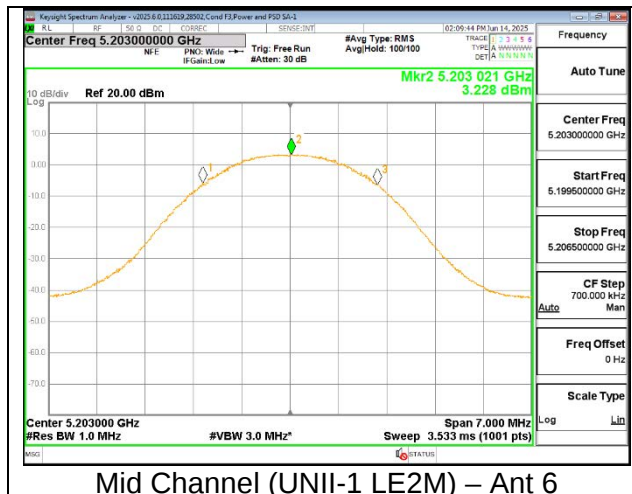
UNII-1 (SISO)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant2	Ant 6	Ant 5	Ant 6	Ant 5
BDR	High	5162	Low	1.15	--	24	24	10.16	10.13	10.16	10.13	11	11	7.676	7.932	8.826	9.082	
		5203	Mid					10.18	10.17	10.18	10.17			7.782	7.546	8.932	8.696	
		5245	High					10.13	10.13	10.13	10.13			7.764	7.752	8.914	8.902	
	5162	Low	2.44					2.65	2.44	2.65	0.577			0.796	1.727	1.946		
	Low	5203	Mid					2.44	2.66	2.44	2.66			0.590	0.739	1.740	1.889	
		5245	High					2.43	2.68	2.43	2.68			0.455	0.727	1.605	1.877	
LE1M		High	5162	Low				10.23	10.17	10.23	10.17			4.995	6.990	5.715	7.710	
	5203		Mid	10.20				10.27	10.20	10.27	4.857			7.330	5.577	8.050		
	5245		High	10.23				10.19	10.23	10.19	4.873			6.962	5.593	7.682		
	Low	5162	Low	2.41				2.64	2.41	2.64	-3.083			0.067	-2.363	0.787		
		5203	Mid	2.45				2.60	2.45	2.60	-2.898			-0.152	-2.178	0.568		
		5245	High	2.46				2.68	2.46	2.68	-2.795			-0.384	-2.075	0.336		
LE2M	High	5162	Low	11.13				11.15	11.13	11.15	3.561			5.632	6.001	8.072		
		5203	Mid	11.15				11.17	11.15	11.17	3.228			5.588	5.668	8.028		
		5245	High	11.11				11.16	11.11	11.16	3.583			5.861	6.023	8.301		
	Low	5162	Low	2.45				2.66	2.45	2.66	-5.584			-2.601	-3.144	-0.161		
		5203	Mid	2.42				2.68	2.42	2.68	-5.182			-2.274	-2.742	0.166		
		5245	High	2.41				2.67	2.41	2.67	-5.261			-2.760	-2.821	-0.320		
HDT4	High	5162	Low	12.62				11.45	12.62	11.45	10.388			9.89	10.688	10.192		
		5203	Mid	12.68				11.45	12.68	11.45	10.493			10.17	10.793	10.473		
		5245	High	12.66				11.44	12.66	11.44	10.632			10.10	10.932	10.399		
	Low	5162	Low	-0.55				-0.43	-0.55	-0.43	-4.520			-4.299	-4.220	-3.999		
		5203	Mid	-0.55				-0.32	-0.55	-0.32	-4.284			-4.508	-3.984	-4.208		
		5245	High	-0.63				-0.32	-0.63	-0.32	-4.195			-4.507	-3.895	-4.207		
HDT6	High	5162	Low	10.95				12.42	10.95	12.42	9.380			10.194	9.810	10.624		
		5203	Mid	10.95				12.47	10.95	12.47	9.200			9.968	9.630	10.398		
		5245	High	10.97				12.45	10.97	12.45	8.953			9.765	9.383	10.195		
	Low	5162	Low	-3.55				-3.33	-3.55	-3.33	-5.954			-5.678	-5.524	-5.248		
		5203	Mid	-3.55				-3.32	-3.55	-3.32	-5.922			-5.736	-5.492	-5.306		
		5245	High	-3.53				-3.37	-3.53	-3.37	-6.047			-5.948	-5.617	-5.518		
HDRPS2	High	5162	Low	12.25				12.25	12.25	12.25	9.579			9.582	9.929	9.932		
		5203	Mid	12.26				12.23	12.26	12.23	9.524			9.422	9.874	9.772		
		5245	High	12.19				12.21	12.19	12.21	9.398			9.469	9.748	9.819		
	Low	5162	Low	-0.53				-0.33	-0.53	-0.33	-3.952			-3.400	-3.602	-3.050		
		5203	Mid	-0.51				-0.35	-0.51	-0.35	-3.985			-3.686	-3.635	-3.336		
		5245	High	-0.53				-0.33	-0.53	-0.33	-3.988			-3.423	-3.638	-3.073		
XHDRPM8	High	5162	Low	13.92				14.42	13.92	14.42	9.535			10.009	9.895	10.369		
		5203	Mid	13.92				14.45	13.92	14.45	9.303			9.813	9.663	10.173		
		5245	High	13.95				14.46	13.95	14.46	9.102			9.676	9.462	10.036		
	Low	5162	Low	-0.51				-0.32	-0.51	-0.32	-6.782			-6.604	-6.422	-6.244		
		5203	Mid	-0.52				-0.31	-0.52	-0.31	-7.000			-6.201	-6.640	-5.841		
		5245	High	-0.53				-0.33	-0.53	-0.33	-6.898			-6.622	-6.538	-6.262		
HDRPL16	High	5164	Low	13.97				14.42	13.97	14.42	3.356			4.374	3.516	4.534		
		5203	Mid	13.91				14.47	13.91	14.47	3.612			4.200	3.772	4.360		
		5242	High	13.92				14.41	13.92	14.41	3.279			4.580	3.439	4.740		
	Low	5164	Low	-0.51				-0.32	-0.51	-0.32	-9.016			-8.743	-8.856	-8.583		
		5203	Mid	-0.51				-0.32	-0.51	-0.32	-8.783			-8.692	-8.623	-8.532		
		5242	High	-0.52				-0.42	-0.52	-0.42	-9.267			-8.606	-9.107	-8.446		



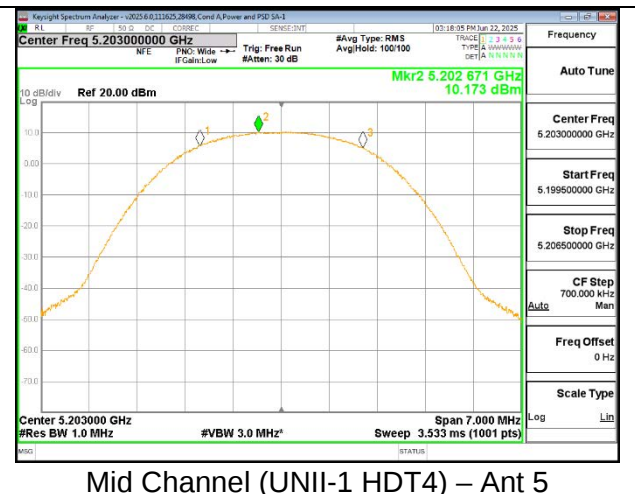
Mid Channel (UNII-1 BDR) – Ant 6



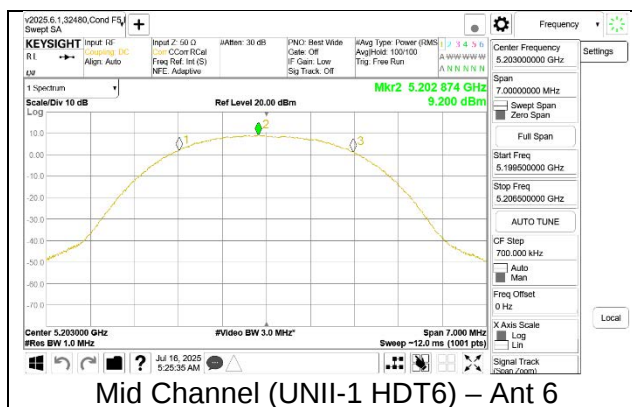
Mid Channel (UNII-1 LE1M) – Ant 5



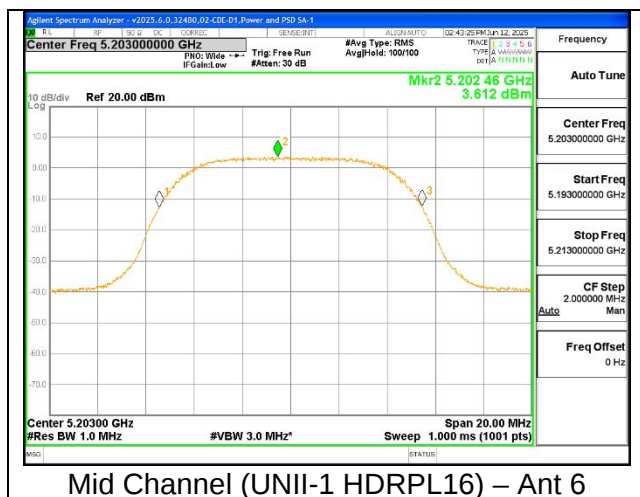
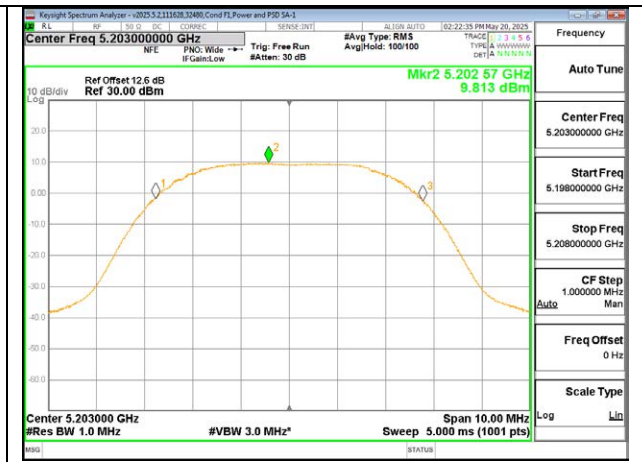
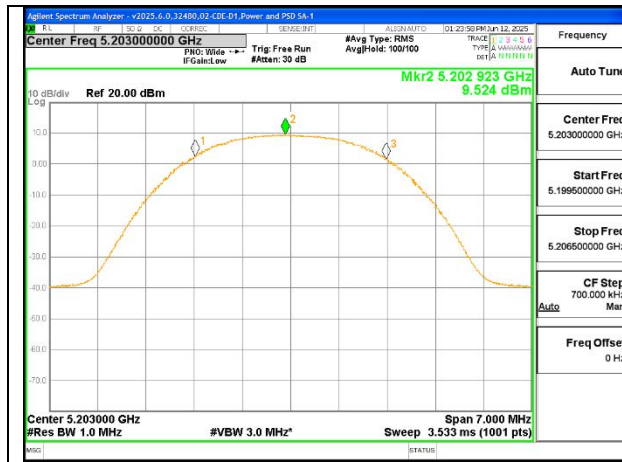
Mid Channel (UNII-1 LE2M) – Ant 6



Mid Channel (UNII-1 HDT4) – Ant 5



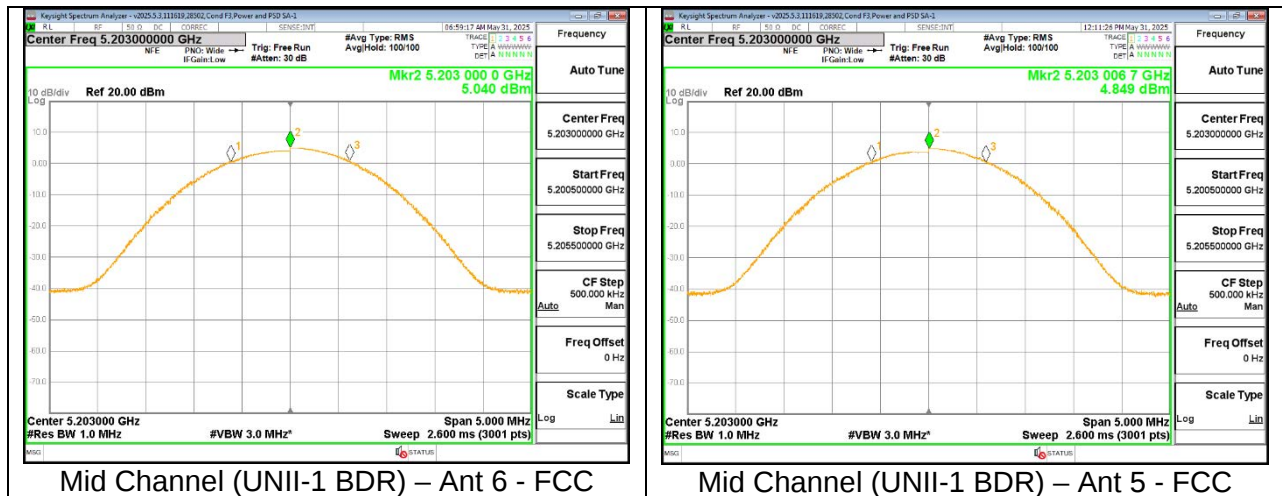
Mid Channel (UNII-1 HDT6) – Ant 6



9.4.2. UNII-1 BAND MIMO TXBF MODE

UNII-1 (TxBF) (5162 - 5245MHz)	
Un-Correlated Gain (dBi)	-4.96
Correlated Gain (dBi)	-2.02

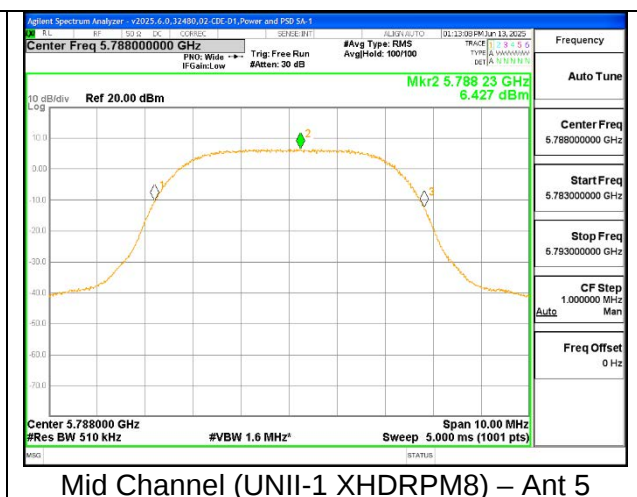
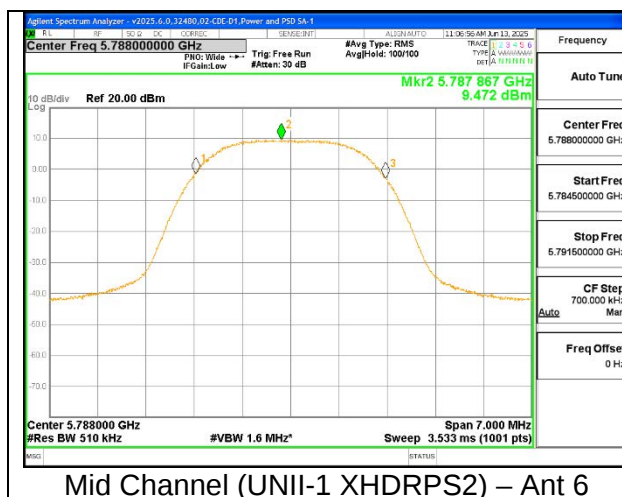
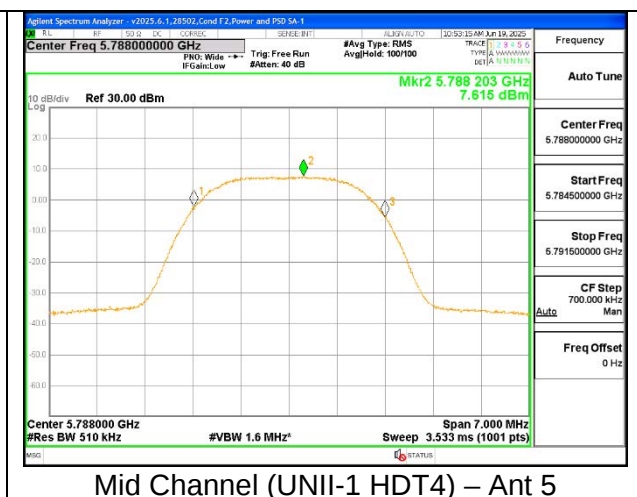
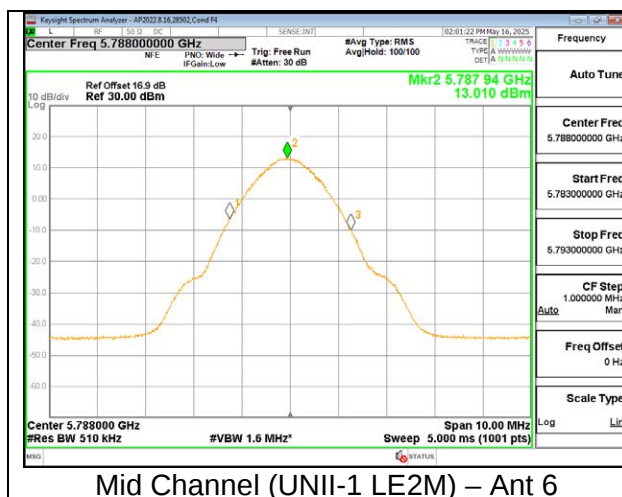
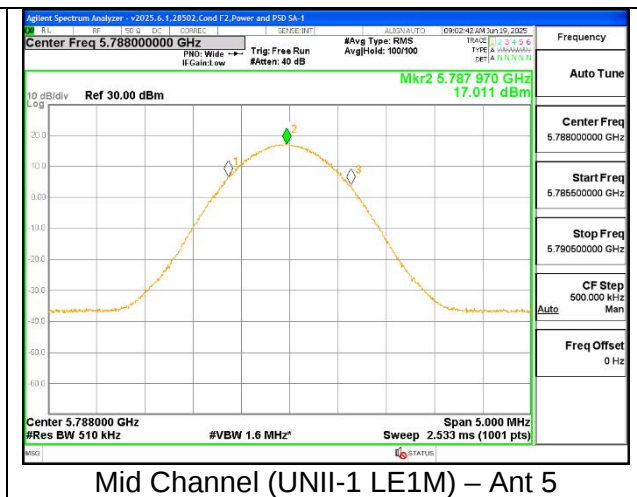
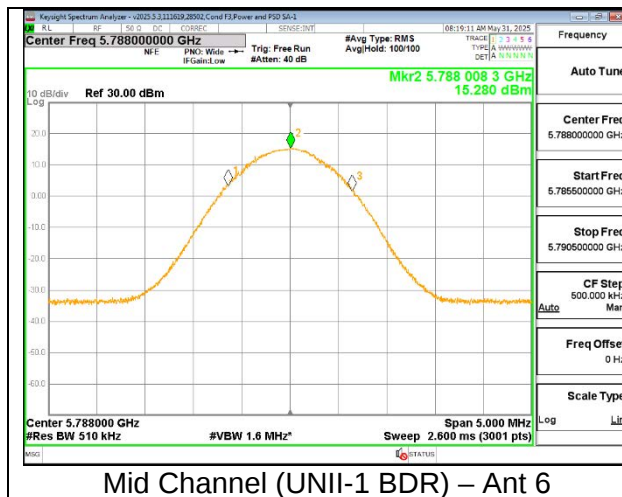
UNII-1 (TxBF)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
BDR	High	5162	Low	1.15	--	24	7.16	7.11	10.15	11	4.865	4.518	8.855
		5203	Mid				7.18	7.18	10.19		5.040	4.849	9.106
		5245	High				7.16	7.12	10.15		4.708	4.655	8.842
	Low	5162	Low				2.45	2.61	5.54		0.548	0.543	4.706
		5203	Mid				2.41	2.66	5.55		0.523	0.697	4.771
		5245	High				2.43	2.63	5.54		0.458	0.562	4.671
LE1M	High	5162	Low	0.72			7.26	7.21	10.25		2.124	3.902	6.834
		5203	Mid				7.28	7.23	10.27		2.314	4.027	6.985
		5245	High				7.23	7.22	10.24		2.051	4.308	7.055
	Low	5162	Low				2.47	2.62	5.56		-2.359	-0.041	2.683
		5203	Mid				2.38	2.66	5.53		-1.992	-0.475	2.563
		5245	High				2.42	2.67	5.56		-2.326	-0.584	2.362
LE2M	High	5162	Low	2.44			8.17	8.15	11.17		0.735	2.198	6.978
		5203	Mid				8.13	8.16	11.16		0.635	2.370	7.039
		5245	High				8.16	8.09	11.14		0.736	2.542	7.183
	Low	5162	Low				2.43	2.63	5.54		-5.035	-2.864	1.635
		5203	Mid				2.47	2.68	5.59		-4.730	-2.435	2.018
		5245	High				2.48	2.67	5.59		-5.113	-2.550	1.805
HDT4	High	5162	Low	0.30			9.64	9.45	12.56		6.083	5.581	9.150
		5203	Mid				9.67	9.48	12.59		5.745	5.547	8.957
		5245	High				9.66	9.43	12.56		5.975	5.442	9.027
	Low	5162	Low				-0.52	-0.33	2.59		-4.465	-4.120	-0.979
		5203	Mid				-0.53	-0.35	2.57		-4.733	-4.384	-1.245
		5245	High				-0.62	-0.39	2.51		-4.566	-4.414	-1.179
HDT6	High	5162	Low	0.43			9.57	9.48	12.54		7.578	7.083	10.778
		5203	Mid				9.40	9.40	12.41		7.257	7.088	10.614
		5245	High				9.37	9.32	12.36		7.205	7.090	10.588
	Low	5162	Low				-3.54	-3.35	-0.43		-6.072	-5.703	-2.443
		5203	Mid				-3.53	-3.34	-0.42		-5.923	-5.897	-2.470
		5245	High				-3.62	-3.32	-0.46		-6.243	-5.876	-2.615
HDRPS2	High	5162	Low	0.35			9.28	9.25	12.28		7.143	7.087	10.475
		5203	Mid				9.25	9.21	12.24		7.060	7.153	10.467
		5245	High				9.21	9.28	12.26		7.244	7.386	10.676
	Low	5162	Low				-0.51	-0.33	2.59		-3.086	-2.967	0.334
		5203	Mid				-0.52	-0.32	2.59		-3.097	-2.862	0.382
		5245	High				-0.51	-0.32	2.60		-3.206	-2.922	0.299
XHDRPM8	High	5162	Low	0.36			12.14	12.18	15.17		7.341	7.460	10.771
		5203	Mid				12.13	12.13	15.14		7.200	7.420	10.682
		5245	High				12.17	12.13	15.16		7.157	7.420	10.661
	Low	5162	Low				-0.53	-0.34	2.58		-5.952	-5.483	-2.341
		5203	Mid				-0.53	-0.34	2.58		-5.909	-5.485	-2.322
		5245	High				-0.51	-0.32	2.60		-5.761	-5.850	-2.435
HDRPL16	High	5164	Low	0.16			13.91	14.44	17.19		5.761	5.410	8.759
		5203	Mid				13.92	14.41	17.18		6.084	5.758	9.094
		5242	High				13.94	14.45	17.21		5.740	5.790	8.935
	Low	5164	Low				-0.51	-0.31	2.60		-8.348	-7.685	-4.834
		5203	Mid				-0.53	-0.33	2.58		-8.516	-7.936	-5.046
		5242	High				-0.52	-0.42	2.54		-8.293	-8.029	-4.989

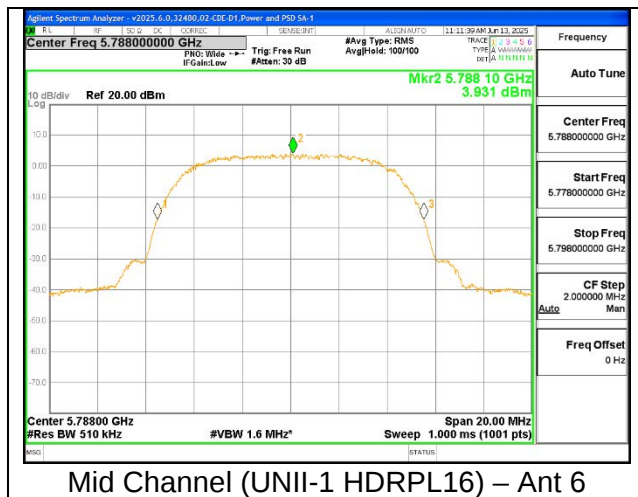


9.4.3. UNII-3 BAND SISO MODE

UNII-3 (SISO) (5733- 5844MHz)	
Ant 6 (dBi)	0.70
Ant 5 (dBi)	-6.40

UNII-3 (SISO)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/500kHz)		Total Corrected PSD (dBm/500kHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
BDR	High	5733	Low	1.15	30	30	19.11	19.41	19.11	19.41	30	30	15.612	18.296	16.762	19.446
		5788	Mid				19.10	19.46	19.10	19.46			15.280	18.346	16.430	19.496
		5844	High				19.14	19.43	19.14	19.43			15.563	17.930	16.713	19.080
	Low	5733	Low				2.93	3.18	2.93	3.18			-0.225	2.419	0.925	3.569
		5788	Mid				2.98	3.11	2.98	3.11			-0.297	2.290	0.853	3.440
		5844	High				2.98	3.11	2.98	3.11			-0.399	2.247	0.751	3.397
LE1M	High	5733	Low	0.72			19.13	19.48	19.13	19.48			16.020	16.874	16.740	17.594
		5788	Mid				19.14	19.41	19.14	19.41			16.130	17.011	16.850	17.731
		5844	High				19.08	19.40	19.08	19.40			16.269	16.662	16.989	17.382
	Low	5733	Low				2.96	3.18	2.96	3.18			0.057	0.136	0.777	0.856
		5788	Mid				2.98	3.11	2.98	3.11			-0.024	0.360	0.696	1.080
		5844	High				2.96	3.13	2.96	3.13			0.055	0.461	0.775	1.181
LE2M	High	5733	Low	2.44			19.06	19.48	19.06	19.48			12.662	13.825	15.102	16.265
		5788	Mid				19.14	19.47	19.14	19.47			13.010	14.063	15.450	16.503
		5844	High				19.01	19.46	19.01	19.46			12.520	14.171	14.960	16.611
	Low	5733	Low				2.94	3.11	2.94	3.11			-4.317	-3.184	-1.877	-0.744
		5788	Mid				2.91	3.01	2.91	3.01			-4.348	-3.417	-1.908	-0.977
		5844	High				2.97	3.06	2.97	3.06			-4.542	-3.559	-2.102	-1.119
HDT4	High	5733	Low	0.30			14.08	14.48	14.08	14.48			6.417	7.770	6.717	8.070
		5788	Mid				14.13	14.30	14.13	14.30			6.990	7.615	7.290	7.915
		5844	High				14.11	14.37	14.11	14.37			6.414	7.742	6.714	8.042
	Low	5733	Low				-0.16	0.12	-0.16	0.12			-6.511	-6.674	-6.211	-6.374
		5788	Mid				-0.15	0.14	-0.15	0.14			-6.270	-6.813	-5.970	-6.513
		5844	High				-0.03	0.13	-0.03	0.13			-6.332	-6.603	-6.032	-6.303
XHDRPS2	High	5733	Low	0			14.11	14.44	14.11	14.44			9.345	9.744	9.345	9.744
		5788	Mid				14.15	14.45	14.15	14.45			9.472	9.849	9.472	9.849
		5844	High				14.17	14.47	14.17	14.47			9.390	9.647	9.390	9.647
	Low	5733	Low				-0.02	0.18	-0.02	0.18			-1.717	-4.682	-1.717	-4.682
		5788	Mid				-0.05	0.15	-0.05	0.15			-1.549	-4.547	-1.549	-4.547
		5844	High				-0.05	0.16	-0.05	0.16			-1.440	-4.898	-1.440	-4.898
XHDRPM8	High	5733	Low	0.36			14.13	14.42	14.13	14.42			6.333	6.599	6.693	6.959
		5788	Mid				14.18	14.43	14.18	14.43			6.294	6.427	6.654	6.787
		5844	High				14.17	14.45	14.17	14.45			6.397	6.781	6.757	7.141
	Low	5733	Low				-0.02	0.16	-0.02	0.16			-5.462	-7.779	-5.102	-7.419
		5788	Mid				-0.01	0.13	-0.01	0.13			-5.561	-7.496	-5.201	-7.136
		5844	High				-0.01	0.12	-0.01	0.12			-5.717	-7.874	-5.357	-7.514
HDRPL16	High	5733	Low	0.16			14.13	14.46	14.13	14.46			3.726	4.184	3.886	4.344
		5788	Mid				14.12	14.44	14.12	14.44			3.931	4.148	4.091	4.308
		5844	High				14.12	14.41	14.12	14.41			3.982	4.137	4.142	4.297
	Low	5733	Low				-0.02	0.13	-0.02	0.13			-7.761	-10.334	-7.601	-10.174
		5788	Mid				-0.03	0.12	-0.03	0.12			-7.674	-10.428	-7.514	-10.268
		5844	High				-0.05	0.12	-0.05	0.12			-7.806	-10.207	-7.646	-10.047

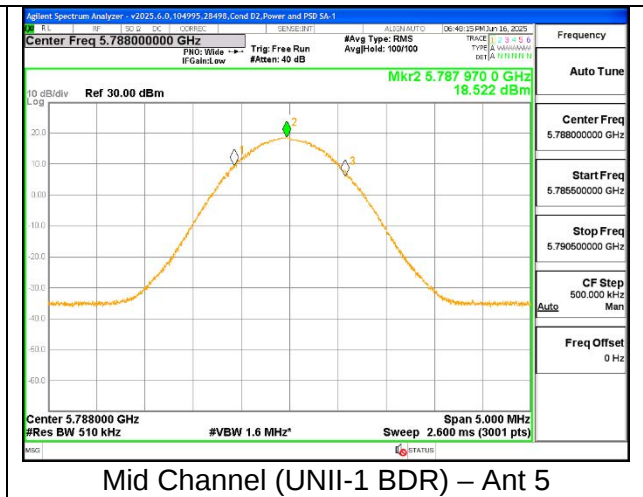
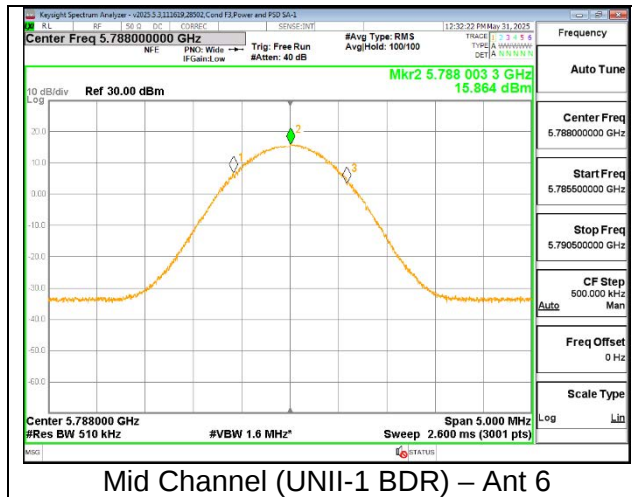




9.4.4. UNII-3 BAND MIMO TXBF MODE

UNII-3 (TxBF) (5733- 5844MHz)	
Un-Correlated Gain (dBi)	-1.54
Correlated Gain (dBi)	0.87

UNII-3 (TxBF)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
						Ant 6	Ant 5			Ant 6	Ant 5	
BDR	High	5733	Low	1.15	30	19.07	19.43	22.26	30	16.030	18.287	21.464
		5788	Mid			19.04	19.43	22.25		15.864	18.522	21.554
		5844	High			19.05	19.45	22.26		15.795	17.892	21.129
	Low	5733	Low			2.93	3.12	6.04		-0.354	2.296	5.330
		5788	Mid			2.96	3.17	6.08		-0.446	2.153	5.205
		5844	High			2.98	3.18	6.09		-0.309	2.318	5.360
LE1M	High	5733	Low	0.72		19.13	19.43	22.29		16.132	17.364	20.522
		5788	Mid			19.16	19.41	22.30		15.942	17.205	20.350
		5844	High			19.15	19.43	22.30		16.229	16.683	20.192
	Low	5733	Low			2.98	3.11	6.06		0.416	0.143	4.012
		5788	Mid			2.93	3.12	6.04		0.182	0.298	3.971
		5844	High			2.88	3.13	6.02		0.043	0.209	3.857
LE2M	High	5733	Low	2.44		19.12	19.43	22.29		12.575	13.616	18.577
		5788	Mid			19.09	19.45	22.28		12.391	13.759	18.579
		5844	High			19.02	19.46	22.26		12.289	13.898	18.618
	Low	5733	Low			2.94	3.12	6.04		-3.768	-3.186	1.983
		5788	Mid			2.97	3.02	6.01		-3.888	-3.055	1.999
		5844	High			2.91	3.04	5.99		-3.523	-3.254	2.064
HDT4	High	5733	Low	0.30		14.12	14.48	17.31		6.592	7.823	10.561
		5788	Mid			14.09	14.42	17.27		6.510	7.767	10.494
		5844	High			14.04	14.45	17.26		6.650	7.647	10.487
	Low	5733	Low			-0.09	0.14	3.04		-7.454	-6.928	-3.873
		5788	Mid			-0.08	0.18	3.06		-7.967	-7.180	-4.245
		5844	High			-0.06	0.16	3.06		-7.729	-6.939	-4.006
XHDRPS2	High	5733	Low	0		14.12	14.42	17.28		9.365	9.646	12.518
		5788	Mid			14.11	14.45	17.29		9.404	9.980	12.712
		5844	High			14.16	14.46	17.32		9.429	9.641	12.547
	Low	5733	Low			-0.04	0.12	3.05		-1.911	-4.793	-0.107
		5788	Mid			-0.01	0.15	3.08		-1.719	-4.736	0.040
		5844	High			-0.02	0.12	3.06		-1.648	-4.811	0.063
XHDRPM8	High	5733	Low	0.36		14.11	14.43	17.28		6.369	6.434	9.772
		5788	Mid			14.13	14.48	17.32		6.121	6.492	9.681
		5844	High			14.13	14.48	17.32		6.021	6.384	9.577
	Low	5733	Low			-0.04	0.17	3.08		-5.138	-8.101	-3.001
		5788	Mid			-0.05	0.17	3.07		-5.390	-7.823	-3.068
		5844	High			-0.02	0.12	3.06		-5.055	-8.028	-2.922
HDRPL16	High	5733	Low	0.16		14.17	14.43	17.31		3.911	4.105	7.179
		5788	Mid			14.15	14.45	17.31		3.902	4.176	7.211
		5844	High			14.17	14.45	17.32		4.151	4.064	7.278
	Low	5733	Low			-0.01	0.17	3.09		-7.332	-10.011	-5.298
		5788	Mid			-0.02	0.18	3.09		-7.365	-9.971	-5.305
		5844	High			-0.02	0.12	3.06		-7.454	-10.203	-5.444



10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted bands

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz and 1.5 meters above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as report in the table) using free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

RESULTS

10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. UNII-1 BAND SISO MODE – BANDEDGE – HIGH POWER

UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6	* 5.150	57.15	Pk	34.3	-36.52	0	54.93	-	-	74	-19.07	216	259	H
			* 5.145779	59.13	Pk	34.3	-36.56	0	56.87	-	-	74	-17.13	216	259	H
			* 5.150	45.85	RMS	34.3	-36.52	1.15	44.78	54	-9.22	-	-	216	259	H
			* 5.004139	47.34	RMS	34.4	-36.84	1.15	46.05	54	-7.93	-	-	216	259	H
			* 5.150	56.75	Pk	34.3	-36.52	0	54.53	-	-	74	-19.47	142	264	V
			* 5.006917	59.22	Pk	34.4	-36.84	0	56.78	-	-	74	-17.22	142	264	V
			* 5.150	45.69	RMS	34.3	-36.52	1.15	44.62	54	-9.38	-	-	142	264	V
			* 5.004972	47.17	RMS	34.4	-36.8	1.15	45.92	54	-8.08	-	-	142	264	V
		5	* 5.150	55.61	Pk	34.4	-35.3	0	54.71	-	-	74	-19.29	146	223	H
			* 5.035417	58.75	Pk	34.1	-35.3	0	57.55	-	-	74	-16.45	146	223	H
			* 5.150	44.86	RMS	34.4	-35.3	1.15	45.11	54	-8.89	-	-	146	223	H
			* 5.133918	46.23	RMS	34.4	-35.1	1.15	46.68	54	-7.32	-	-	146	223	H
			* 5.150	55.82	Pk	34.4	-35.3	0	54.92	-	-	74	-19.08	129	238	V
			* 5.148779	58.34	Pk	34.4	-35.1	0	57.64	-	-	74	-16.36	129	238	V
			* 5.150	45.01	RMS	34.4	-35.3	1.15	45.26	54	-8.74	-	-	129	238	V
			* 5.134168	46.35	RMS	34.4	-35.1	1.15	46.8	54	-7.2	-	-	129	238	V
LE1M	5162	6	* 5.15	58.15	Pk	34.4	-37.9	0	54.65	-	-	74	-19.35	3	103	H
			* 5.131918	60.74	Pk	34.3	-38.08	0	56.96	-	-	74	-17.04	3	103	H
			* 5.15	47.22	RMS	34.4	-37.9	0.72	44.44	54	-9.56	-	-	3	103	H
			* 5.141529	47.89	RMS	34.3	-37.8	0.72	45.11	54	-8.89	-	-	3	103	H
			* 5.15	57.68	Pk	34.4	-37.9	0	54.18	-	-	74	-19.82	25	102	V
			* 5.104918	59.94	Pk	34.3	-38	0	56.24	-	-	74	-17.76	25	102	V
			* 5.15	47.33	RMS	34.4	-37.9	0.72	44.55	54	-9.45	-	-	25	102	V
			* 5.131195	47.68	RMS	34.3	-37.94	0.72	44.76	54	-9.24	-	-	25	102	V
		5	* 5.019445	59.93	Pk	34.1	-38.62	0	55.41	-	-	74	-18.59	201	169	H
			* 5.148168	47.83	RMS	34.3	-38.34	0.72	44.51	54	-9.49	-	-	201	169	H
			* 5.15	59.12	Pk	34.3	-38.27	0	55.15	-	-	74	-18.85	201	169	H
			* 5.15	47.14	RMS	34.3	-38.27	0.72	43.89	54	-10.11	-	-	201	169	H
			* 5.123668	60.32	Pk	34.2	-38.26	0	56.26	-	-	74	-17.74	212	214	V
			* 5.149946	48.33	RMS	34.3	-38.27	0.72	45.08	54	-8.92	-	-	212	214	V
			* 5.15	57.24	Pk	34.3	-38.27	0	53.27	-	-	74	-20.73	212	214	V
			* 5.15	46.35	RMS	34.3	-38.27	0.72	43.1	54	-10.9	-	-	212	214	V
LE2M	5162	6	* 5.084501	58.49	Pk	34.4	-35.56	0	57.33	-	-	74	-16.67	66	133	H
			* 5.15	55.24	Pk	34.4	-35.43	0	54.21	-	-	74	-19.79	66	133	H
			* 5.142862	46.28	RMS	34.4	-35.45	2.44	47.67	54	-6.33	-	-	66	133	H
			* 5.15	44.87	RMS	34.4	-35.43	2.44	46.28	54	-7.72	-	-	66	133	H
			* 5.000056	58.93	Pk	34.3	-35.89	0	57.34	-	-	74	-16.66	89	132	V
			* 5.15	55.89	Pk	34.4	-35.43	0	54.86	-	-	74	-19.14	89	132	V
			* 5.007833	46.77	RMS	34.3	-35.73	2.44	47.78	54	-6.22	-	-	89	132	V
			* 5.15	45.1	RMS	34.4	-35.43	2.44	46.51	54	-7.49	-	-	89	132	V
		5	* 5.048639	59.28	Pk	34.4	-35.76	0	57.92	-	-	74	-16.08	258	127	H
			* 5.15	55.97	Pk	34.4	-35.43	0	54.94	-	-	74	-19.06	258	127	H
			* 5.008111	46.68	RMS	34.3	-35.73	2.44	47.69	54	-6.31	-	-	258	127	H
			* 5.15	45.53	RMS	34.4	-35.43	2.44	46.94	54	-7.06	-	-	258	127	H
			* 5.015945	58.19	Pk	34.3	-35.57	0	56.92	-	-	74	-17.08	274	245	V
			* 5.15	55.18	Pk	34.4	-35.43	0	54.15	-	-	74	-19.85	274	245	V
			* 5.008861	46.77	RMS	34.3	-35.7	2.44	47.82	54	-6.18	-	-	274	245	V
			* 5.15	45.32	RMS	34.4	-35.43	2.44	46.74	54	-7.26	-	-	274	245	V
HDT4	5162	6	* 5.150	39.09	Pk	34.4	-24.21	0	49.28	-	-	74	-24.72	324	122	H
			* 5.000222	41.99	Pk	34.3	-24.47	0	51.82	-	-	74	-22.18	324	122	H
			* 5.150	29.59	RMS	34.4	-24.21	0.3	40.08	54	-13.92	-	-	324	122	H
			* 5.006611	30.66	RMS	34.3	-24.47	0.3	40.79	54	-13.21	-	-	324	122	H
			* 5.150	38.36	Pk	34.4	-24.21	0	48.55	-	-	74	-25.45	352	109	V
			* 5.001833	42.56	Pk	34.3	-24.45	0	52.41	-	-	74	-21.59	352	109	V
			* 5.150	28.44	RMS	34.4	-24.21	0.3	38.93	54	-15.07	-	-	352	109	V
			* 5.001167	30.61	RMS	34.3	-24.43	0.3	40.78	54	-13.22	-	-	352	109	V
		5	* 5.150	38.76	Pk	34.4	-24.21	0	48.95	-	-	74	-25.05	16	242	H
			* 5.00725	42.93	Pk	34.3	-24.5	0	52.73	-	-	74	-21.27	16	242	H
			* 5.150	28.53	RMS	34.4	-24.21	0.3	39.02	54	-14.98	-	-	16	242	H
			* 5.000722	30.48	RMS	34.3	-24.44	0.3	40.64	54	-13.36	-	-	16	242	H
			* 5.150	38.25	Pk	34.4	-24.21	0	48.44	-	-	74	-25.56	19	200	V
			* 5.075001	42.91	Pk	34.3	-24.54	0	52.67	-	-	74	-21.33	19	200	V
			* 5.150	28.42	RMS	34.4	-24.21	0.3	38.91	54	-15.09	-	-	19	200	V
			* 5.006194	30.43	RMS	34.3	-24.43	0.3	40.6	54	-13.4	-	-	19	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT6	5162	6	5.138084	60.47	Pk	34.2	-38.51	0	56.16	-	-	74	-17.84	39	124	H
			5.149918	47.85	RMS	34.3	-38.27	0.43	44.31	54	-9.69	-	-	39	124	H
			5.15	57.82	Pk	34.3	-38.27	0	53.85	-	-	74	-20.15	39	124	H
			5.15	47.4	RMS	34.3	-38.27	0.43	43.86	54	-10.14	-	-	39	124	H
			5.08939	59.68	Pk	34.2	-38.52	0	55.36	-	-	74	-18.64	35	102	V
			5.149085	47.68	RMS	34.3	-38.32	0.43	44.09	54	-9.91	-	-	35	102	V
		5	5.15	58.25	Pk	34.3	-38.27	0	54.28	-	-	74	-19.72	35	102	V
			5.15	47.36	RMS	34.3	-38.27	0.43	43.82	54	-10.18	-	-	35	102	V
			5.137251	60.24	Pk	34.2	-38.53	0	55.91	-	-	74	-18.09	13	260	H
			5.149001	48	RMS	34.3	-38.32	0.43	44.41	54	-9.59	-	-	13	260	H
			5.15	57.34	Pk	34.3	-38.27	0	53.37	-	-	74	-20.63	13	260	H
			5.15	46.91	RMS	34.3	-38.27	0.43	43.37	54	-10.63	-	-	13	260	H
		5	5.123223	59.45	Pk	34.2	-38.26	0	55.39	-	-	74	-18.61	28	217	V
			5.140362	48.05	RMS	34.2	-38.52	0.43	44.16	54	-9.84	-	-	28	217	V
			5.15	56.58	Pk	34.3	-38.27	0	52.61	-	-	74	-21.39	28	217	V
			5.15	47.54	RMS	34.3	-38.27	0.43	44	54	-10	-	-	28	217	V
HDRPS2	5162	6	* 5.15	57.83	Pk	34.4	-37.9	0	54.33	-	-	74	-19.67	213	171	H
			* 5.037639	60.18	Pk	34.4	-38	0	56.58	-	-	74	-17.42	213	171	H
			* 5.15	46.08	RMS	34.4	-37.9	0.35	42.93	54	-11.07	-	-	213	171	H
			* 5.147668	46.99	RMS	34.4	-38	0.35	43.74	54	-10.26	-	-	213	171	H
			* 5.15	56.71	Pk	34.4	-37.9	0	53.21	-	-	74	-20.79	141	101	V
			* 5.017306	59.57	Pk	34.4	-38	0	55.97	-	-	74	-18.03	141	101	V
		5	* 5.15	45.51	RMS	34.4	-37.9	0.35	42.36	54	-11.64	-	-	141	101	V
			* 5.035361	47.25	RMS	34.4	-37.94	0.35	44.06	54	-9.94	-	-	141	101	V
			* 5.15	55.77	Pk	34.4	-37.9	0	52.27	-	-	74	-21.73	169	104	H
			* 5.132473	59.21	Pk	34.4	-38	0	55.61	-	-	74	-18.39	169	104	H
			* 5.15	45.8	RMS	34.4	-37.9	0.35	42.65	54	-11.35	-	-	169	104	H
			* 5.000361	47.37	RMS	34.4	-38	0.35	44.12	54	-9.88	-	-	169	104	H
		5	* 5.15	56.34	Pk	34.4	-37.9	0	52.84	-	-	74	-21.16	91	131	V
			* 5.044806	59.63	Pk	34.4	-38	0	56.03	-	-	74	-17.97	91	131	V
			* 5.15	46.19	RMS	34.4	-37.9	0.35	43.04	54	-10.96	-	-	91	131	V
			* 5.006056	47.31	RMS	34.4	-38.1	0.35	43.96	54	-10.04	-	-	91	131	V
XHDPMP8	5162	6	* 5.15	57.18	Pk	34.4	-38.33	0	53.25	-	-	74	-20.75	353	148	H
			* 5.119418	60.62	Pk	34.4	-38.39	0	56.63	-	-	74	-17.37	353	148	H
			* 5.15	46.2	RMS	34.4	-38.33	0.36	42.63	54	-11.37	-	-	353	148	H
			* 5.002972	47.69	RMS	34.3	-38.31	0.36	44.04	54	-9.96	-	-	353	148	H
			* 5.001889	59.84	Pk	34.3	-38.31	0	55.83	-	-	74	-18.17	217	201	V
			* 5.006417	48.06	RMS	34.3	-38.33	0.36	44.39	54	-9.61	-	-	217	201	V
		5	* 5.15	57.83	Pk	34.4	-38.33	0	53.9	-	-	74	-20.1	217	201	V
			* 5.15	46.59	RMS	34.4	-38.33	0.36	43.02	54	-10.98	-	-	217	201	V
			* 5.150	38.93	Pk	34.4	-24.21	0	49.12	-	-	74	-24.88	10	261	H
			* 5.008111	42.83	Pk	34.3	-24.49	0	52.64	-	-	74	-21.36	10	261	H
			* 5.150	28.83	RMS	34.4	-24.21	0.36	39.38	54	-14.62	-	-	10	261	H
			* 5.009889	30.69	RMS	34.3	-24.48	0.36	40.87	54	-13.13	-	-	10	261	H
		5	* 5.150	39.85	Pk	34.4	-24.21	0	50.04	-	-	74	-23.96	20	185	V
			* 5.078334	42.44	Pk	34.3	-24.55	0	52.19	-	-	74	-21.81	20	185	V
			* 5.150	28.43	RMS	34.4	-24.21	0.36	38.98	54	-15.02	-	-	20	185	V
			* 5.003611	30.65	RMS	34.3	-24.44	0.36	40.87	54	-13.13	-	-	20	185	V
HDRPL16	5164	6	5.15	65.5	Pk	34.6	-39.2	0	60.9	-	-	74	-13.1	277	107	H
			5.149835	65.23	Pk	34.6	-39.2	0	60.63	-	-	74	-13.37	277	107	H
			5.15	53.53	RMS	34.6	-39.2	0.16	49.09	54	-4.91	-	-	277	107	H
			5.149668	53.61	RMS	34.6	-39.19	0.16	49.18	54	-4.82	-	-	277	107	H
			5.15	58.25	Pk	34.6	-39.2	0	53.65	-	-	74	-20.35	297	101	V
			5.046028	60.67	Pk	34.5	-39.32	0	55.85	-	-	74	-18.15	297	101	V
		5	5.15	47.16	RMS	34.6	-39.2	0.16	42.72	54	-11.28	-	-	297	101	V
			5.000833	48.42	RMS	34.5	-39.23	0.16	43.85	54	-10.15	-	-	297	101	V
			5.15	58.2	Pk	34.6	-39.2	0	53.6	-	-	74	-20.4	288	368	H
			5.038028	60.17	Pk	34.5	-39.39	0	55.28	-	-	74	-18.72	288	368	H
			5.15	47.34	RMS	34.6	-39.2	0.16	42.9	54	-11.1	-	-	288	368	H
			5.001361	48.59	RMS	34.5	-39.25	0.16	44	54	-10	-	-	288	368	H
		5	5.15	59.19	Pk	34.6	-39.2	0	54.59	-	-	74	-19.41	346	206	V
			5.149918	60.77	Pk	34.6	-39.2	0	56.17	-	-	74	-17.83	346	206	V
			5.15	48.99	RMS	34.6	-39.2	0.16	44.55	54	-9.45	-	-	346	206	V
			5.149668	49.01	RMS	34.6	-39.19	0.16	44.58	54	-9.42	-	-	346	206	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

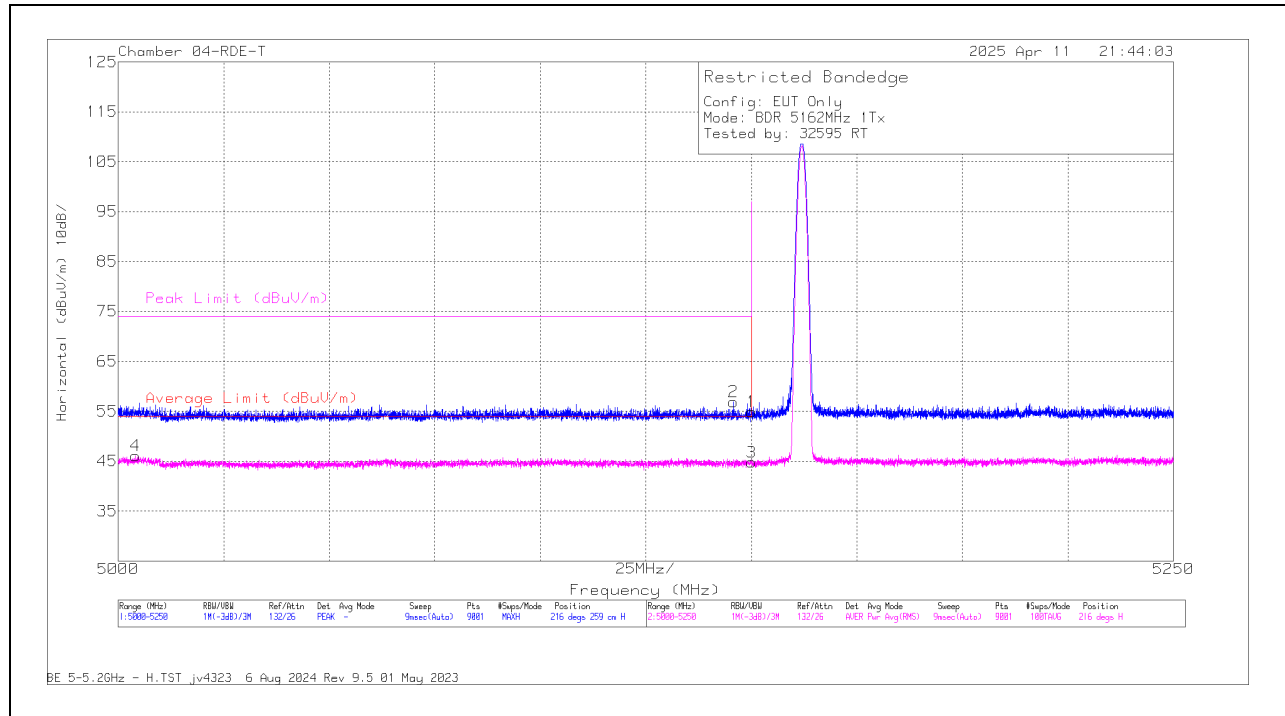
Pk - Peak detector

RMS - RMS detection

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

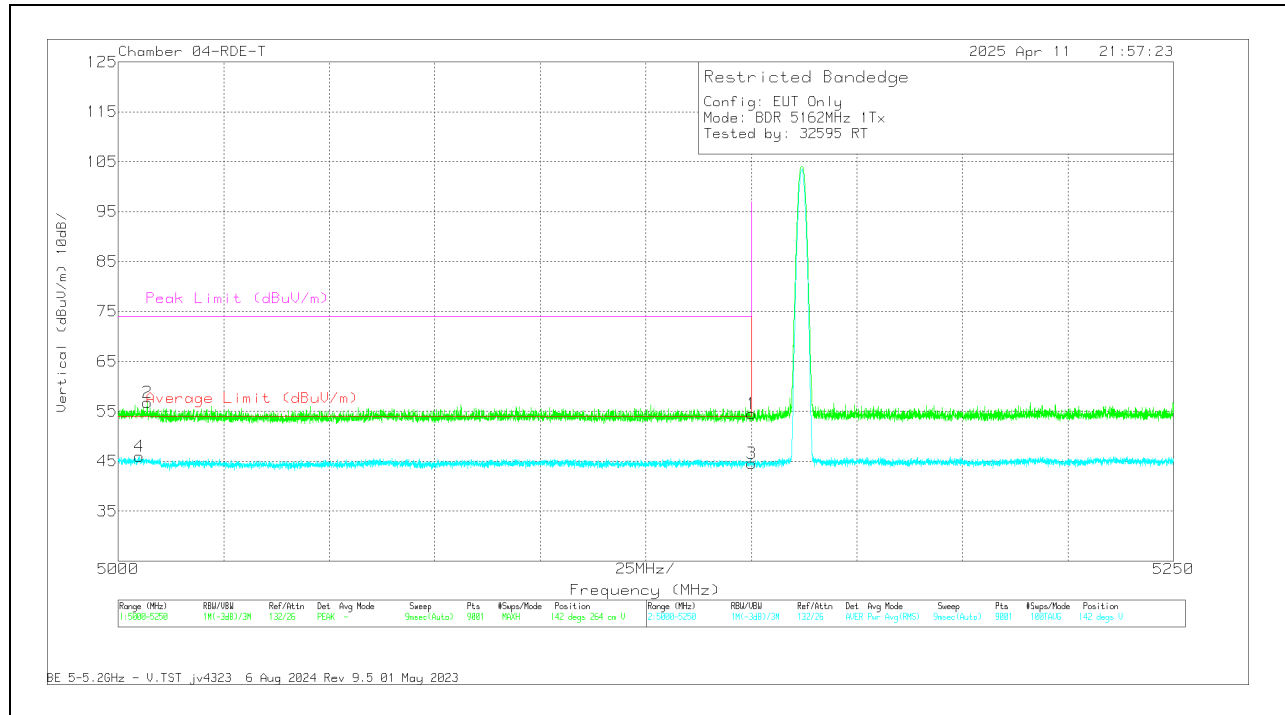
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	57.15	Pk	34.3	0	-36.52	54.93	-	-	74	-19.07	216	259	H
2	* 5145.779	59.13	Pk	34.3	0	-36.56	56.87	-	-	74	-17.13	216	259	H
3	* 5150	45.85	RMS	34.3	1.15	-36.52	44.78	54	-9.22	-	-	216	259	H
4	* 5004.139	47.34	RMS	34.4	1.15	-36.84	46.05	54	-7.95	-	-	216	259	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	56.75	Pk	34.3	0	-36.52	54.53	-	-	74	-19.47	142	264	V
2	* 5006.917	59.22	Pk	34.4	0	-36.84	56.78	-	-	74	-17.22	142	264	V
3	* 5150	45.69	RMS	34.3	1.15	-36.52	44.62	54	-9.38	-	-	142	264	V
4	* 5004.972	47.17	RMS	34.4	1.15	-36.8	45.92	54	-8.08	-	-	142	264	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

10.1.2. UNII-1 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER

UNII-1 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6 + 5	* 5.150	56.6	Pk	34.4	-35.3	0	55.7	-	-	74	-18.3	72	243	H
			* 5.137057	58.51	Pk	34.4	-35.3	0	57.61	-	-	74	-16.39	72	243	H
			* 5.150	46.01	RMS	34.4	-35.3	1.15	46.26	54	-7.74	-	-	72	243	H
			* 5.139473	46.52	RMS	34.4	-35.1	1.15	46.97	54	-7.03	-	-	72	243	H
			* 5.150	55.79	Pk	34.4	-35.3	0	54.89	-	-	74	-19.11	62	219	V
			* 5.125112	58.33	Pk	34.4	-35.1	0	57.63	-	-	74	-16.37	62	219	V
			* 5.150	45.63	RMS	34.4	-35.3	1.15	45.88	54	-8.12	-	-	62	219	V
LE1M	5162	6 + 5	* 5.009417	46.72	RMS	34.2	-35.5	1.15	46.57	54	-7.43	-	-	62	219	V
			* 5.15	57.85	Pk	34.4	-37.9	0	54.35	-	-	74	-19.65	24	103	H
			* 5.14764	60.01	Pk	34.4	-38	0	56.41	-	-	74	-17.59	24	103	H
			* 5.15	47.19	RMS	34.4	-37.9	0.72	44.41	54	-9.59	-	-	24	103	H
			* 5.14514	48.14	RMS	34.4	-37.99	0.72	45.27	54	-8.73	-	-	24	103	H
			* 5.15	58.53	Pk	34.4	-37.9	0	55.03	-	-	74	-18.97	29	181	V
			* 5.128723	59.77	Pk	34.3	-37.87	0	56.2	-	-	74	-17.8	29	181	V
LE2M	5162	6 + 5	* 5.15	46.67	RMS	34.4	-37.9	0.72	43.89	54	-10.11	-	-	29	181	V
			* 5.149362	47.82	RMS	34.4	-37.9	0.72	45.04	54	-8.96	-	-	29	181	V
			* 5.150	39.52	Pk	34.4	-24.21	0	49.71	-	-	74	-24.29	296	99	H
			* 5.003083	42.28	Pk	34.3	-24.43	0	52.15	-	-	74	-21.85	296	99	H
			* 5.150	28.19	RMS	34.4	-24.21	2.44	40.82	54	-13.18	-	-	296	100	H
			* 5.004833	30.43	RMS	34.3	-24.51	2.44	42.66	54	-11.34	-	-	296	100	H
			* 5.150	39.99	Pk	34.4	-24.21	0	50.18	-	-	74	-23.82	207	391	V
HDT4	5162	6 + 5	* 5.14939	41.66	Pk	34.4	-24.2	0	51.86	-	-	74	-22.14	207	391	V
			* 5.150	28.18	RMS	34.4	-24.21	2.44	40.81	54	-13.19	-	-	207	391	V
			* 5.002056	30.35	RMS	34.3	-24.45	2.44	42.64	54	-11.36	-	-	207	391	V
			* 5.150	39.61	Pk	34.4	-24.21	0	49.8	-	-	74	-24.2	17	102	H
			* 5.146585	42.48	Pk	34.4	-24.15	0	52.73	-	-	74	-21.27	17	102	H
			* 5.150	28.98	RMS	34.4	-24.21	0.3	39.47	54	-14.53	-	-	17	102	H
			* 5.007889	30.7	RMS	34.3	-24.49	0.3	40.81	54	-13.19	-	-	17	102	H
HDT6	5162	6 + 5	* 5.150	38.34	Pk	34.4	-24.21	0	48.53	-	-	74	-25.47	20	223	V
			* 5.000167	42.94	Pk	34.3	-24.47	0	52.77	-	-	74	-21.23	20	223	V
			* 5.150	28.42	RMS	34.4	-24.21	0.3	38.91	54	-15.09	-	-	20	223	V
			* 5.009972	30.57	RMS	34.3	-24.48	0.3	40.69	54	-13.31	-	-	20	223	V
			* 5.146696	59.93	Pk	34.3	-38.4	0	55.83	-	-	74	-18.17	30	192	H
			* 5.14939	47.91	RMS	34.3	-38.3	0.43	44.34	54	-9.66	-	-	30	192	H
			* 5.15	58.22	Pk	34.3	-38.27	0	54.25	-	-	74	-19.75	30	192	H
HDRPS2	5162	6 + 5	* 5.15	47.73	RMS	34.3	-38.27	0.43	44.19	54	-9.81	-	-	30	192	H
			* 5.069806	59.73	Pk	34.2	-38.48	0	55.45	-	-	74	-18.55	3	242	V
			* 5.149473	47.86	RMS	34.3	-38.3	0.43	44.29	54	-9.71	-	-	3	242	V
			* 5.15	57.63	Pk	34.3	-38.27	0	53.66	-	-	74	-20.34	3	242	V
			* 5.15	47.1	RMS	34.3	-38.27	0.43	43.56	54	-10.44	-	-	3	242	V
			* 5.15	56.48	Pk	34.4	-37.9	0	52.98	-	-	74	-21.02	119	135	H
			* 5.000444	59.15	Pk	34.4	-38	0	55.55	-	-	74	-18.45	119	135	H
XHDRPM8	5162	6 + 5	* 5.15	46.12	RMS	34.4	-37.9	0.35	42.97	54	-11.03	-	-	119	135	H
			* 5.004333	47.58	RMS	34.4	-38.03	0.35	44.3	54	-9.7	-	-	119	135	H
			* 5.15	56.14	Pk	34.4	-37.9	0	52.64	-	-	74	-21.36	160	119	V
			* 5.123612	60.14	Pk	34.4	-37.96	0	56.58	-	-	74	-17.42	160	119	V
			* 5.15	46.01	RMS	34.4	-37.9	0.35	42.86	54	-11.14	-	-	160	119	V
			* 5.004056	47.35	RMS	34.4	-38.01	0.35	44.09	54	-9.91	-	-	160	119	V
			* 5.15	57.61	Pk	34.4	-35.43	0	56.58	-	-	74	-17.42	130	105	H
HDRPL16	5164	6 + 5	* 5.056834	58.82	Pk	34.4	-35.7	0	57.52	-	-	74	-16.48	130	105	H
			* 5.15	45.69	RMS	34.4	-35.43	0.36	45.02	54	-8.98	-	-	130	105	H
			* 5.009333	46.76	RMS	34.3	-35.7	0.36	45.72	54	-8.28	-	-	130	105	H
			* 5.15	56.09	Pk	34.4	-35.43	0	55.06	-	-	74	-18.94	91	120	V
			* 5.144196	58.35	Pk	34.4	-35.45	0	57.3	-	-	74	-16.7	91	120	V
			* 5.15	45.17	RMS	34.4	-35.43	0.36	44.5	54	-9.5	-	-	91	120	V
			* 5.00575	46.69	RMS	34.3	-35.78	0.36	45.57	54	-8.43	-	-	91	120	V
HDRPL16	5164	6 + 5	* 5.15	57.89	Pk	34.6	-39.2	0	53.29	-	-	74	-20.71	292	283	H
			* 5.055723	60.05	Pk	34.5	-39.29	0	55.26	-	-	74	-18.74	292	283	H
			* 5.15	47.56	RMS	34.6	-39.2	0.16	43.12	54	-10.88	-	-	292	283	H
			* 5.008111	48.58	RMS	34.5	-39.34	0.16	43.9	54	-10.1	-	-	292	283	H
			* 5.15	59.17	Pk	34.6	-39.2	0	54.57	-	-	74	-19.43	328	375	V
			* 5.106306	61.01	Pk	34.5	-39.24	0	56.27	-	-	74	-17.73	328	375	V
			* 5.15	47.22	RMS	34.6	-39.2	0.16	42.78	54	-11.22	-	-	328	375	V
HDRPL16	5164	6 + 5	* 5.004361	48.51	RMS	34.5	-39.38	0.16	43.79	54	-10.21	-	-	328	375	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

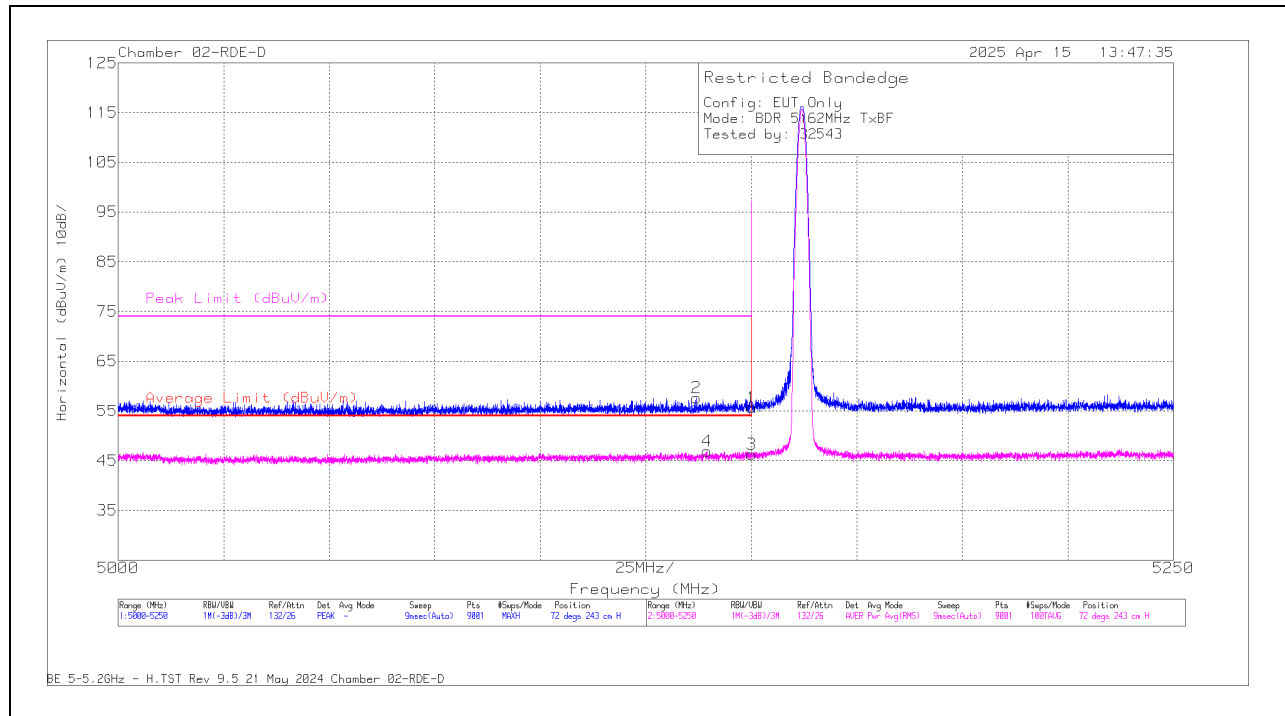
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE

BANDEDGE (LOW CHANNEL)

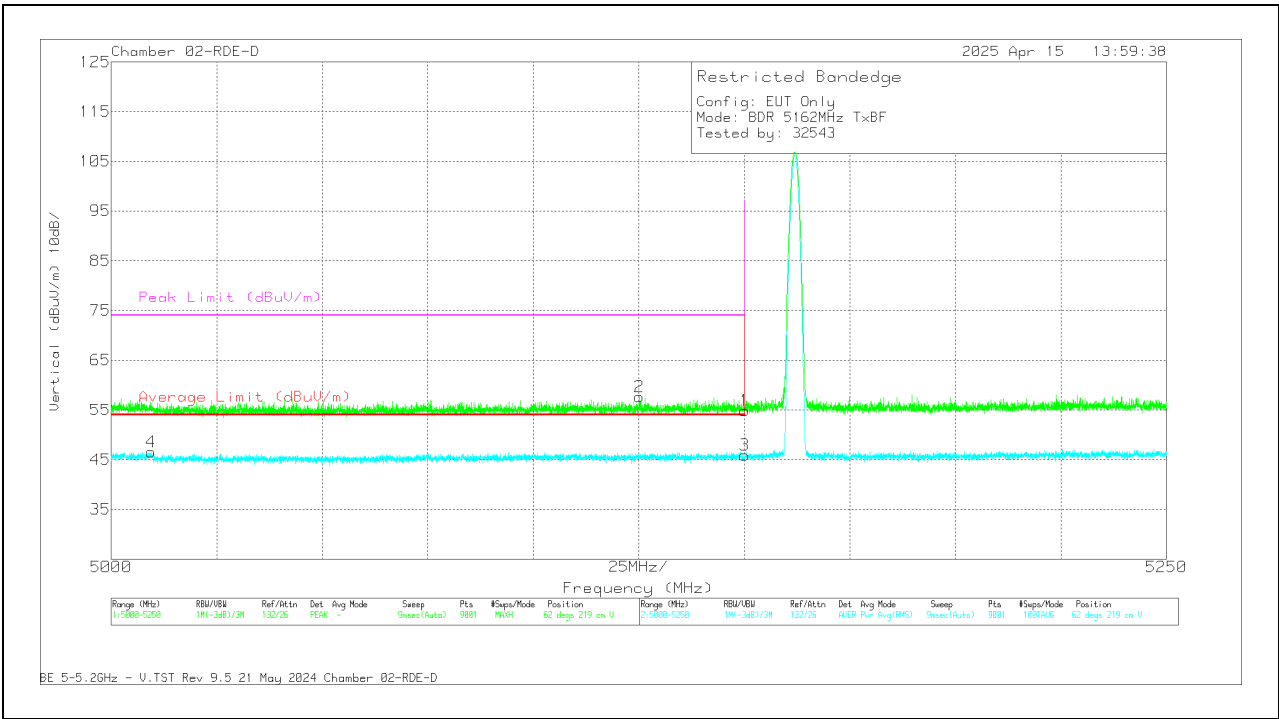
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	56.6	Pk	34.4	-35.3	0	55.7	-	-	74	-18.3	72	243	H
2	* 5137.057	58.51	Pk	34.4	-35.3	0	57.61	-	-	74	-16.39	72	243	H
3	* 5150	46.01	RMS	34.4	-35.3	1.15	46.26	54	-7.74	-	-	72	243	H
4	* 5139.473	46.52	RMS	34.4	-35.1	1.15	46.97	54	-7.03	-	-	72	243	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	55.79	Pk	34.4	-35.3	0	54.89	-	-	74	-19.11	62	219	V
2	* 5125.112	58.33	Pk	34.4	-35.1	0	57.63	-	-	74	-16.37	62	219	V
3	* 5150	45.63	RMS	34.4	-35.3	1.15	45.88	54	-8.12	-	-	62	219	V
4	* 5009.417	46.72	RMS	34.2	-35.5	1.15	46.57	54	-7.43	-	-	62	219	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

10.1.3. UNII-1 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER

UNII-1 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6 + 5	* 3.967853	57.76	PK-U	33.2	-47.35	0	43.61	-	-	74	-30.39	18	100	H
			* 3.967622	45.39	ADR	33.2	-47.35	1.15	32.39	54	-21.61	-	-	18	100	H
			* 3.979434	57.78	PK-U	33.3	-47.45	0	43.63	-	-	74	-30.37	340	199	V
			* 3.980871	46.02	ADR	33.3	-47.44	1.15	33.03	54	-20.97	-	-	340	199	V
			* 11.961202	52.2	PK-U	39.2	-42.05	0	49.35	-	-	74	-24.65	340	100	H
			* 11.959025	40.26	ADR	39.2	-42.06	1.15	38.55	54	-15.45	-	-	340	100	H
			* 11.905549	52.81	PK-U	39.2	-42.11	0	49.9	-	-	74	-24.1	340	201	V
			* 11.907247	40.67	ADR	39.2	-42.08	1.15	38.94	54	-15.06	-	-	340	201	V
			2.400028	61.89	PK-U	33.5	-49.81	0	45.58	-	-	68.2	-22.62	340	248	V
			2.400047	63.29	PK-U	33.5	-49.81	0	46.98	-	-	68.2	-21.22	18	192	H
			* 1.286721	61.76	PK-U	30.1	-49.84	0	42.02	-	-	74	-31.98	360	100	H
			* 1.287379	50.14	ADR	30.1	-49.85	1.15	31.54	54	-22.46	-	-	360	100	H
	5203	6 + 5	* 3.956404	57.18	PK-U	33.2	-47.29	0	43.09	-	-	74	-30.91	360	100	H
			* 3.954549	45.5	ADR	33.2	-47.33	1.15	32.52	54	-21.48	-	-	360	100	H
			* 1.284283	61.35	PK-U	30.1	-49.82	0	41.63	-	-	74	-32.37	360	201	V
			* 1.284714	49.61	ADR	30.1	-49.83	1.15	31.03	54	-22.97	-	-	360	201	V
			* 3.950283	58.04	PK-U	33.2	-47.37	0	43.87	-	-	74	-30.13	360	200	V
			* 3.948641	45.86	ADR	33.2	-47.36	1.15	32.85	54	-21.15	-	-	360	200	V
			* 11.937105	52.02	PK-U	39.2	-41.59	0	49.63	-	-	74	-24.37	360	100	H
			* 11.938073	40.5	ADR	39.2	-41.61	1.15	39.24	54	-14.76	-	-	360	100	H
			* 11.980006	51.99	PK-U	39.3	-41.82	0	49.47	-	-	74	-24.53	360	201	V
			* 11.978869	40.35	ADR	39.3	-41.81	1.15	38.99	54	-15.01	-	-	360	201	V
	5245	6 + 5	1.960135	59.75	PK-U	31	-48.28	0	42.47	-	-	68.2	-25.73	137	287	V
			1.960212	60.39	PK-U	31	-48.28	0	43.11	-	-	68.2	-25.09	185	373	H
			6.475199	55.29	PK-U	35.7	-44.21	0	46.78	-	-	68.2	-21.42	163	187	V
			6.493452	55.63	PK-U	35.7	-44.32	0	47.01	-	-	68.2	-21.19	199	130	H
			16.989873	54.76	PK-U	41.8	-42.24	0	54.32	-	-	68.2	-13.88	283	231	H
			17.026291	54.62	PK-U	41.8	-41.99	0	54.43	-	-	68.2	-13.77	210	167	V
LE1M	5162	6 + 5	2.572157	60.68	PK-U	32.3	-49.61	0	43.37	-	-	68.2	-24.83	333	195	H
			2.572545	48.97	ADR	32.3	-49.6	0.72	32.39	-	-	-	-	333	195	H
			2.576075	48.98	ADR	32.3	-49.58	0.72	32.42	-	-	-	-	226	292	V
			2.576547	60.34	PK-U	32.3	-49.58	0	43.06	-	-	68.2	-25.14	226	292	V
			10.31061	56.72	PK-U	37.5	-45.09	0	49.13	-	-	68.2	-19.07	333	358	V
			10.312026	44.96	ADR	37.5	-45.07	0.72	38.11	-	-	-	-	333	358	V
			10.326909	44.98	ADR	37.5	-45.07	0.72	38.13	-	-	-	-	200	391	H
			10.326936	56.85	PK-U	37.5	-45.07	0	49.28	-	-	68.2	-18.92	200	391	H
			12.407975	53.02	PK-U	38.8	-40.58	0	51.24	-	-	74	-22.76	91	391	H
			12.409454	41.53	ADR	38.8	-40.5	0.72	40.55	54	-13.45	-	-	91	391	H
			12.410564	53.4	PK-U	38.8	-40.51	0	51.69	-	-	74	-22.31	358	350	V
			12.412298	41.41	ADR	38.8	-40.45	0.72	40.48	54	-13.52	-	-	358	350	V
	5203	6 + 5	2.598543	47.92	ADR	32.3	-49.32	0.72	31.62	-	-	-	-	75	378	V
			2.601276	59.73	PK-U	32.3	-49.32	0	42.71	-	-	68.2	-25.49	75	378	V
			2.602198	60.09	PK-U	32.3	-49.31	0	43.08	-	-	68.2	-25.12	80	282	H
			2.602683	47.96	ADR	32.3	-49.32	0.72	31.66	-	-	-	-	80	282	H
			10.394146	43.88	ADR	37.6	-44.18	0.72	38.02	-	-	-	-	163	382	V
			10.396694	55.37	PK-U	37.6	-44.12	0	48.85	-	-	68.2	-19.35	163	382	V
			10.399293	55.89	PK-U	37.6	-44.06	0	49.43	-	-	68.2	-18.77	150	349	H
			10.401837	44.02	ADR	37.6	-44.12	0.72	38.22	-	-	-	-	150	349	H
			15.617071	51.71	PK-U	40.4	-40.7	0	51.41	-	-	74	-22.59	186	392	H
			15.617229	40.01	ADR	40.4	-40.69	0.72	40.44	54	-13.56	-	-	186	392	H
			15.621989	51.49	PK-U	40.4	-40.58	0	51.31	-	-	74	-22.69	103	356	V
			15.624081	40.03	ADR	40.4	-40.59	0.72	40.56	54	-13.44	-	-	103	356	V
	5245	6 + 5	2.624289	48.58	ADR	32.3	-49.28	0.72	32.32	-	-	-	-	121	313	H
			2.625282	60.2	PK-U	32.3	-49.27	0	43.23	-	-	68.2	-24.97	121	313	H
			2.625432	60.44	PK-U	32.3	-49.27	0	43.47	-	-	68.2	-24.73	174	207	V
			2.625896	48.53	ADR	32.3	-49.28	0.72	32.27	-	-	-	-	174	207	V
			10.481377	44.04	ADR	37.6	-44.55	0.72	37.81	-	-	-	-	110	377	H
			10.48156	55.33	PK-U	37.6	-44.54	0	48.39	-	-	68.2	-19.81	110	377	H
			10.505507	43.71	ADR	37.6	-44.65	0.72	37.38	-	-	-	-	239	116	V
			10.50721	55.11	PK-U	37.6	-44.63	0	48.08	-	-	68.2	-20.12	239	116	V
			15.726216	40.4	ADR	40.5	-40.88	0.72	40.74	54	-13.26	-	-	281	369	H
			15.726222	52	PK-U	40.5	-40.88	0	51.62	-	-	74	-22.38	281	369	H
			15.752429	51.72	PK-U	40.5	-40.89	0	51.33	-	-	74	-22.67	78	357	V
			15.75313	40.53	ADR	40.5	-40.9	0.72	40.85	54	-13.15	-	-	78	357	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-1 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	5162	6 + 5	1.850899	56.53	PK-U	30.3	-46.63	0	40.2	-	-	68.2	-28	216	385	H
			1.852401	58.43	PK-U	30.3	-46.62	0	42.11	-	-	68.2	-26.09	357	136	V
			3.170921	55.33	PK-U	32.9	-45.29	0	42.94	-	-	68.2	-25.26	312	354	H
			3.174996	55.25	PK-U	32.9	-45.16	0	42.99	-	-	68.2	-25.21	27	228	V
			13.122253	52.21	PK-U	38.9	-39.68	0	51.43	-	-	68.2	-16.77	253	209	H
			13.12374	52.11	PK-U	38.9	-39.68	0	51.33	-	-	68.2	-16.87	314	158	V
	5203	6 + 5	* 1.424061	54.41	PK-U	28.3	-46.13	0	36.58	-	-	74	-37.42	42	276	H
			* 1.421524	42.64	ADR	28.3	-46.16	2.44	27.22	54	-26.78	-	-	42	276	H
			* 1.422516	56.81	PK-U	28.3	-46.15	0	38.96	-	-	74	-35.04	266	130	V
			* 1.422978	44.64	ADR	28.3	-46.15	2.44	29.23	54	-24.787	-	-	266	130	V
			2.579212	56.85	PK-U	32.4	-46.4	0	42.85	-	-	68.2	-25.35	206	263	H
			2.580475	56.04	PK-U	32.4	-46.38	0	42.06	-	-	68.2	-26.14	357	335	V
	5245	6 + 5	9.616284	51.24	PK-U	36.7	-41.1	0	46.84	-	-	68.2	-21.36	164	289	V
			9.617876	52.3	PK-U	36.7	-41.1	0	47.9	-	-	68.2	-20.3	296	282	H
			* 1.491194	57.06	PK-U	28.1	-46.19	0	38.97	-	-	74	-35.03	222	303	H
			* 1.494906	45.53	ADR	28.1	-46.17	2.44	29.9	54	-24.1	-	-	222	303	H
			* 1.490702	57.29	PK-U	28.1	-46.19	0	39.2	-	-	74	-34.8	357	286	V
			* 1.493468	43.19	ADR	28.1	-46.17	2.44	27.56	54	-26.44	-	-	357	286	V
			* 15.74464	52.25	PK-U	41.1	-39.27	0	54.08	-	-	74	-19.92	141	328	H
			* 15.742327	40.22	ADR	41.1	-39.25	2.44	44.51	54	-9.49	-	-	141	328	H
			* 15.742183	51.94	PK-U	41.1	-39.25	0	53.79	-	-	74	-20.21	154	356	V
			* 15.742237	39.99	ADR	41.1	-39.25	2.44	44.28	54	-9.72	-	-	154	356	V
			10.489369	53.19	PK-U	37.9	-41.01	0	50.08	-	-	68.2	-18.12	211	123	H
			10.489105	52.59	PK-U	37.9	-41.02	0	49.47	-	-	68.2	-18.73	131	246	V
HDT4	5162	6 + 5	* 1.272693	49.26	ADR	29.2	-48.9	0.3	29.86	54	-24.14	-	-	352	231	H
			* 1.273798	49.31	ADR	29.2	-48.7	0.3	30.11	54	-23.89	-	-	175	118	V
			* 1.275746	60.42	PK-U	29.2	-48.8	0	40.82	-	-	74	-33.18	352	231	H
			* 1.276298	60.77	PK-U	29.2	-48.8	0	41.17	-	-	74	-32.83	175	118	V
			* 15.74389	51.97	PK-U	40.7	-38.4	0	54.27	-	-	74	-19.73	67	238	V
			* 15.745125	40.37	ADR	40.7	-38.2	0.3	43.17	54	-10.83	-	-	67	238	V
			* 15.756305	52.03	PK-U	40.8	-38.7	0	54.13	-	-	74	-19.87	310	278	H
			* 15.758425	40.74	ADR	40.8	-38.4	0.3	43.44	54	-10.56	-	-	310	278	H
			* 4.092608	56.87	PK-U	33.4	-46.1	0	44.17	-	-	74	-29.83	222	329	H
			* 4.102555	45.51	ADR	33.4	-46.2	0.3	33.01	54	-20.99	-	-	222	329	H
			* 4.10285	45.62	ADR	33.4	-46.2	0.3	33.12	54	-20.88	-	-	360	391	V
			* 4.104597	56.99	PK-U	33.4	-46.1	0	44.29	-	-	74	-29.71	360	391	V
	5203	6 + 5	* 1.211171	60.7	PK-U	28.8	-48.9	0	40.6	-	-	74	-33.4	298	262	H
			* 1.215011	49.43	ADR	28.8	-48.8	0.3	29.73	54	-24.27	-	-	146	314	V
			* 1.215104	60.43	PK-U	28.8	-48.8	0	40.43	-	-	74	-33.57	146	314	V
			* 1.215238	49.25	ADR	28.8	-48.8	0.3	29.55	54	-24.45	-	-	298	262	H
			* 15.623873	40.85	ADR	40.6	-38.8	0.3	42.95	54	-11.05	-	-	104	302	V
			* 15.632513	52.1	PK-U	40.6	-38.9	0	53.8	-	-	74	-20.2	104	302	V
			* 15.635512	40.87	ADR	40.6	-38.6	0.3	43.17	54	-10.83	-	-	240	273	H
			* 15.63953	52.07	PK-U	40.6	-38.8	0	53.87	-	-	74	-20.13	240	273	H
			* 4.703911	44.75	ADR	34.1	-45.5	0.3	33.65	54	-20.35	-	-	353	110	V
			* 4.708149	44.87	ADR	34	-45.4	0.3	33.77	54	-20.23	-	-	136	379	H
			* 4.708818	56.26	PK-U	34	-45.5	0	44.76	-	-	74	-29.24	353	110	V
			* 4.725363	57.09	PK-U	34.1	-45.2	0	45.99	-	-	74	-28.01	136	379	H
	5245	6 + 5	* 1.326089	60.8	PK-U	28.9	-48.9	0	40.8	-	-	74	-33.2	287	326	V
			* 1.327978	49.44	ADR	28.8	-48.9	0.3	29.64	54	-24.36	-	-	2	174	H
			* 1.331549	49.23	ADR	28.8	-48.8	0.3	29.53	54	-24.47	-	-	287	326	V
			* 1.331958	60.8	PK-U	28.8	-48.8	0	40.8	-	-	74	-33.2	2	174	H
			* 15.584744	52.21	PK-U	40.5	-38.5	0	54.21	-	-	74	-19.79	15	319	V
			* 15.613904	40.83	ADR	40.5	-38.4	0.3	43.23	54	-10.77	-	-	15	319	V
			* 15.628487	52.07	PK-U	40.6	-38.5	0	54.17	-	-	74	-19.83	279	199	H
			* 15.62871	40.44	ADR	40.6	-38.5	0.3	42.84	54	-11.16	-	-	279	199	H
			* 4.095717	45.39	ADR	33.4	-46.1	0.3	32.99	54	-21.01	-	-	53	245	H
			* 4.102096	57.26	PK-U	33.4	-46.2	0	44.46	-	-	74	-29.54	203	192	V
			* 4.103836	45.44	ADR	33.4	-46.1	0.3	33.04	54	-20.96	-	-	203	192	V
			* 4.105123	45.45	ADR	33.4	-46.1	0.3	33.05	54	-20.95	-	-	240	122	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT6	5162	6 + 5	* 15.471649	52.06	PK-U	40.4	-38.3	0	54.16	-	-	74	-19.84	26	339	H
			* 15.49732	40.01	ADR	40.4	-38.23	0.43	42.61	54	-11.39	-	-	26	339	H
			* 15.488084	52.34	PK-U	40.4	-38.29	0	54.45	-	-	74	-19.55	354	215	V
			* 15.468684	40.88	ADR	40.4	-38.3	0.43	43.41	54	-10.59	-	-	354	215	V
			2.561611	48.46	ADR	32.8	-48.14	0.43	33.55	-	-	-	-	136	160	H
			2.562865	48.57	ADR	32.8	-48.1	0.43	33.7	-	-	-	-	3	260	V
			2.591078	60.03	PK-U	32.8	-48.1	0	44.73	-	-	68.2	-23.47	136	160	H
			2.599145	60.49	PK-U	32.8	-48	0	45.29	-	-	68.2	-22.91	3	260	V
			10.308535	44.14	ADR	38	-44.2	0.43	38.37	-	-	-	-	101	266	V
			10.310424	55.86	PK-U	38	-44.2	0	49.66	-	-	68.2	-18.54	101	266	V
			10.311233	44.01	ADR	38	-44.18	0.43	38.26	-	-	-	-	271	127	H
			10.313557	55.62	PK-U	38	-44.1	0	49.52	-	-	68.2	-18.68	271	127	H
	5203	6 + 5	* 15.624013	51.72	PK-U	40.6	-38.9	0	53.42	-	-	74	-20.58	12	125	H
			* 15.623542	40.06	ADR	40.6	-38.95	0.43	42.14	54	-11.86	-	-	12	125	H
			* 15.599235	52.36	PK-U	40.5	-38.9	0	53.96	-	-	74	-20.04	309	332	V
			* 15.614395	40.03	ADR	40.6	-38.84	0.43	42.22	54	-11.78	-	-	309	332	V
			2.58781	60.21	PK-U	32.8	-48.1	0	44.91	-	-	68.2	-23.29	122	110	H
			2.59145	60.49	PK-U	32.8	-48.1	0	45.19	-	-	68.2	-23.01	68	307	V
			2.594836	48.38	ADR	32.8	-48.02	0.43	33.59	-	-	-	-	122	110	H
			2.607983	48.37	ADR	32.9	-48.1	0.43	33.6	-	-	-	-	68	307	V
			10.419857	55.49	PK-U	38.1	-44.1	0	49.49	-	-	68.2	-18.71	273	178	H
			10.419941	56.15	PK-U	38.1	-44.1	0	50.15	-	-	68.2	-18.05	92	135	V
			10.420475	43.87	ADR	38.1	-44.1	0.43	38.3	-	-	-	-	92	135	V
			10.425137	44.01	ADR	38.1	-44.1	0.43	38.44	-	-	-	-	273	178	H
	5245	6 + 5	* 15.721789	51.59	PK-U	40.7	-38.02	0	54.27	-	-	74	-19.73	219	380	H
			* 15.749149	39.6	ADR	40.8	-38.09	0.43	42.74	54	-11.26	-	-	219	380	H
			* 15.754873	51.88	PK-U	40.8	-38.2	0	54.48	-	-	74	-19.52	320	237	V
			* 15.748607	39.95	ADR	40.8	-38.14	0.43	43.04	54	-10.96	-	-	320	237	V
			2.602307	59.36	PK-U	32.8	-48	0	44.16	-	-	68.2	-24.04	329	167	H
			2.602913	48.09	ADR	32.8	-48	0.43	33.32	-	-	-	-	156	136	V
			2.603133	48.11	ADR	32.8	-48	0.43	33.34	-	-	-	-	329	167	H
			2.605707	59.93	PK-U	32.8	-48.1	0	44.63	-	-	68.2	-23.57	156	136	V
			10.484346	44.11	ADR	38.2	-43.73	0.43	39.01	-	-	-	-	7	205	H
			10.486448	43.86	ADR	38.2	-43.8	0.43	38.69	-	-	-	-	184	164	V
			10.489986	56.26	PK-U	38.2	-43.7	0	50.76	-	-	68.2	-17.44	7	205	H
			10.492675	56.13	PK-U	38.2	-43.74	0	50.59	-	-	68.2	-17.61	184	164	V
HDRPS2	5162	6 + 5	2.583086	57.93	PK-U	32.4	-46.8	0	43.53	-	-	68.2	-24.67	242	167	H
			2.583853	46.04	ADR	32.4	-46.8	0.35	31.99	-	-	-	-	242	167	H
			2.583667	58.01	PK-U	32.4	-46.8	0	43.61	-	-	68.2	-24.59	331	209	V
			2.581853	46.36	ADR	32.4	-46.89	0.35	32.22	-	-	-	-	331	209	V
			10.338112	54.3	PK-U	37.8	-42.8	0	49.3	-	-	68.2	-18.9	51	261	H
			10.338337	42.51	ADR	37.8	-42.8	0.35	37.86	-	-	-	-	51	261	H
			* 15.464318	56.01	PK-U	40.5	-42.67	0	53.84	-	-	74	-20.16	136	297	H
			* 15.465597	44.07	ADR	40.5	-42.54	0.35	42.38	54	-11.62	-	-	136	297	H
			10.342514	53.95	PK-U	37.8	-42.8	0	48.95	-	-	68.2	-19.25	86	263	V
			10.341374	42.38	ADR	37.8	-42.8	0.35	37.73	-	-	-	-	86	263	V
			* 15.4646	55.58	PK-U	40.5	-42.64	0	53.44	-	-	74	-20.56	54	175	V
			* 15.463605	43.88	ADR	40.5	-42.66	0.35	42.07	54	-11.93	-	-	54	175	V
	5203	6 + 5	2.401054	57.97	PK-U	32.1	-46.9	0	43.17	-	-	68.2	-25.03	54	264	H
			2.399037	46.44	ADR	32.1	-46.8	0.35	32.09	-	-	-	-	54	264	H
			2.398491	58.09	PK-U	32.1	-46.85	0	43.34	-	-	68.2	-24.86	237	148	V
			2.399255	46.36	ADR	32.1	-46.8	0.35	32.01	-	-	-	-	237	148	V
			10.419049	54.44	PK-U	37.9	-42.3	0	50.04	-	-	68.2	-18.16	216	175	H
			10.418401	42.34	ADR	37.9	-42.24	0.35	38.35	-	-	-	-	216	175	H
			* 15.600953	55.36	PK-U	40.7	-42.4	0	53.66	-	-	74	-20.34	348	214	H
			* 15.600617	43.54	ADR	40.7	-42.44	0.35	42.15	54	-11.85	-	-	348	214	H
			10.424181	54.04	PK-U	37.9	-42.2	0	49.74	-	-	68.2	-18.46	173	119	V
			10.42204	42.28	ADR	37.9	-42.2	0.35	38.33	-	-	-	-	173	119	V
			* 15.611765	55.16	PK-U	40.8	-42.72	0	53.24	-	-	74	-20.76	254	209	V
			* 15.610793	43.59	ADR	40.8	-42.78	0.35	41.96	54	-12.04	-	-	254	209	V
	5245	6 + 5	2.627722	57.66	PK-U	32.4	-46.8	0	43.26	-	-	68.2	-24.94	322	166	H
			2.626992	46.36	ADR	32.4	-46.8	0.35	32.31	-	-	-	-	322	166	H
			2.62662	57.83	PK-U	32.4	-46.84	0	43.39	-	-	68.2	-24.81	204	224	V
			2.626866	46.2	ADR	32.4	-46.81	0.35	32.14	-	-	-	-	204	224	V
			10.483937	53.39	PK-U	38	-42.79	0	48.6	-	-	68.2	-19.6	96	208	H
			10.482637	41.66	ADR	38	-42.74	0.35	37.27	-	-	-	-	96	208	H
			* 15.770592	55.91	PK-U	40.9	-42.74	0	54.07	-	-	74	-19.93	275	356	H
			* 15.770988	43.79	ADR	40.9	-42.7	0.35	42.34	54	-11.66	-	-	275	356	H
			10.483818	54.09	PK-U	38	-42.78	0	49.31	-	-	68.2	-18.89	96	106	V
			10.481046	41.81	ADR	38	-42.8	0.35	37.36	-	-	-	-	96	106	V
			* 15.768403	55.19	PK-U	40.9	-42.7	0	53.39	-	-	74	-20.61	243	119	V
			* 15.771022	43.5	ADR	40.9	-42.7	0.35	42.05	54	-11.95	-	-	243	119	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

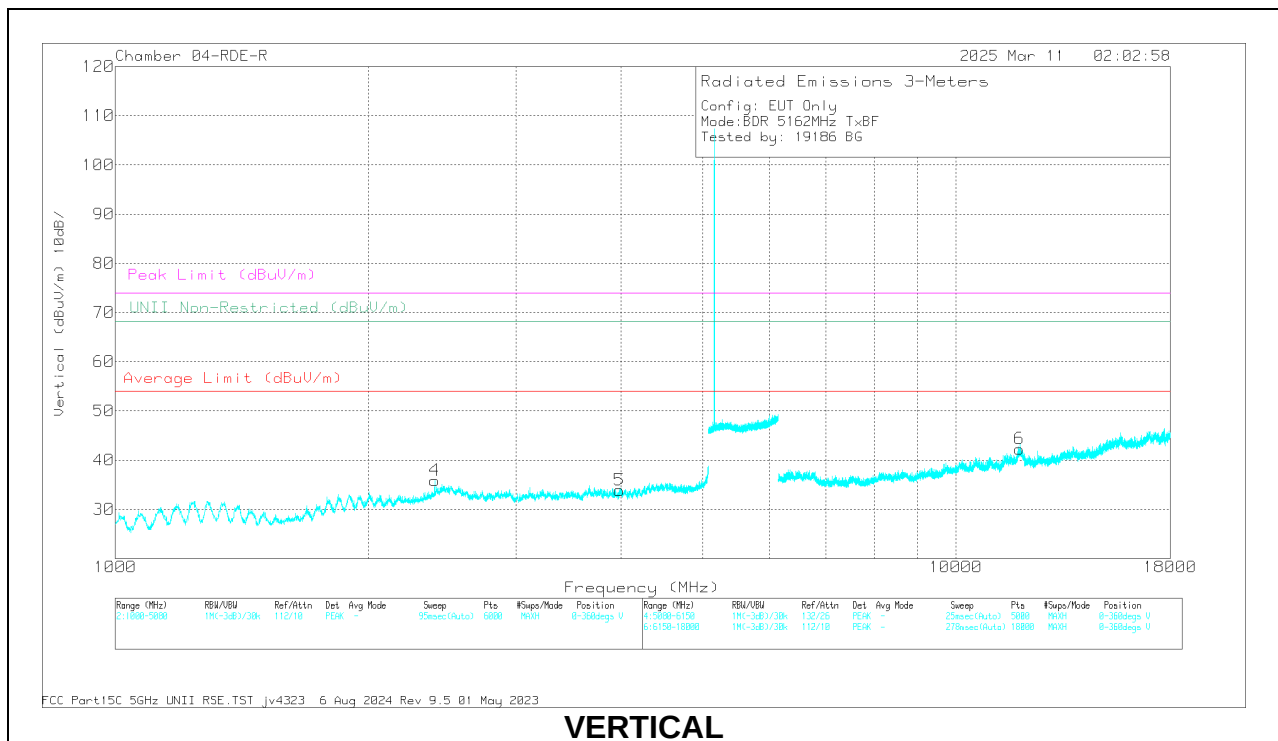
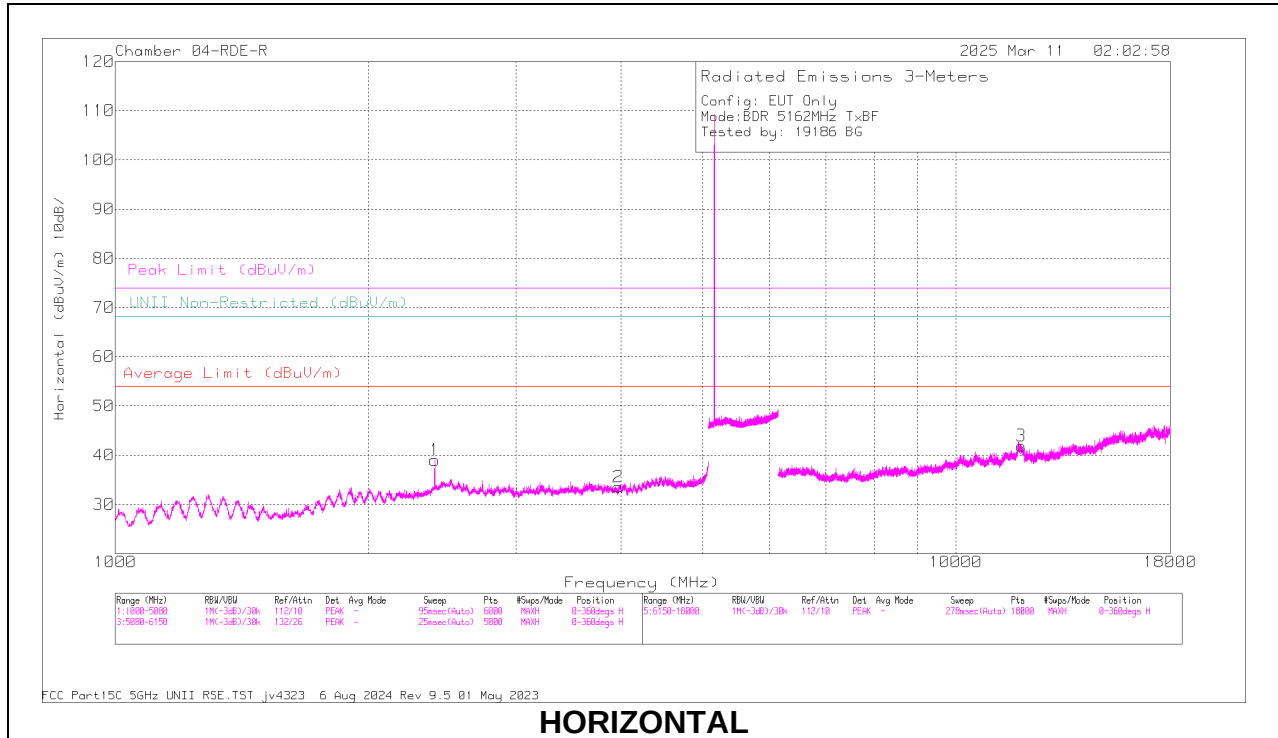
RMS - RMS detection

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filtz/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
XHDRPM8	5162	6 + 5	2.575438	57.99	PK-U	32.4	-46.9	0	43.49	-	-	68.2	-24.71	70	264	H
			2.573629	46.38	ADR	32.4	-46.9	0.36	32.24	-	-	-	-	70	264	H
			2.575803	58.08	PK-U	32.4	-46.9	0	43.58	-	-	68.2	-24.62	115	225	V
			2.574431	46.21	ADR	32.4	-46.9	0.36	32.07	-	-	-	-	115	225	V
			10.319759	53.47	PK-U	37.8	-42.52	0	48.75	-	-	68.2	-19.45	15	391	H
			10.320669	41.92	ADR	37.8	-42.57	0.36	37.51	-	-	-	-	15	391	H
			* 15.477534	55.15	PK-U	40.5	-42.05	0	53.6	-	-	74	-20.4	237	256	H
			* 15.476777	43.52	ADR	40.5	-42.02	0.36	42.36	54	-11.64	-	-	237	256	H
			10.320615	54.33	PK-U	37.8	-42.56	0	49.57	-	-	68.2	-18.63	283	197	V
			10.319101	42	ADR	37.8	-42.59	0.36	37.57	-	-	-	-	283	197	V
			* 15.47564	55.48	PK-U	40.5	-42.14	0	53.84	-	-	74	-20.16	204	146	V
			* 15.479121	43.61	ADR	40.5	-41.99	0.36	42.48	54	-11.52	-	-	204	146	V
			2.598578	57.65	PK-U	32.4	-46.86	0	43.19	-	-	68.2	-25.01	261	102	H
			2.598373	45.6	ADR	32.4	-46.84	0.36	31.52	-	-	-	-	261	102	H
			2.603934	57.39	PK-U	32.4	-46.89	0	42.9	-	-	68.2	-25.3	73	121	V
	5203	6 + 5	2.60237	45.86	ADR	32.4	-46.86	0.36	31.76	-	-	-	-	73	121	V
			10.40858	53.93	PK-U	37.9	-42.46	0	49.37	-	-	68.2	-18.83	111	208	H
			10.408771	42.55	ADR	37.9	-42.48	0.36	38.33	-	-	-	-	111	208	H
			* 15.606478	54.79	PK-U	40.8	-42.65	0	52.94	-	-	74	-21.06	241	374	H
			* 15.604326	43.5	ADR	40.7	-42.53	0.36	42.03	54	-11.97	-	-	241	374	H
			10.409088	54.13	PK-U	37.9	-42.49	0	49.54	-	-	68.2	-18.66	268	216	V
			10.409721	42.3	ADR	37.9	-42.43	0.36	38.13	-	-	-	-	268	216	V
			* 15.610249	54.81	PK-U	40.8	-42.72	0	52.89	-	-	74	-21.11	214	125	V
			* 15.610153	43.33	ADR	40.8	-42.72	0.36	41.77	54	-12.23	-	-	214	125	V
			* 2.674002	60.53	PK-U	32.7	-49.51	0	43.72	-	-	74	-30.28	325	210	H
			* 2.661368	48.64	ADR	32.7	-49.52	0.36	32.18	54	-21.82	-	-	325	210	H
			* 2.660546	60.39	PK-U	32.7	-49.53	0	43.56	-	-	74	-30.44	249	189	V
			* 2.662873	48.68	ADR	32.7	-49.52	0.36	32.22	54	-21.78	-	-	249	189	V
	5245	6 + 5	10.227808	57.46	PK-U	37.6	-46.12	0	48.94	-	-	68.2	-19.26	314	106	H
			10.247546	45.8	ADR	37.6	-46.2	0.36	37.56	-	-	-	-	314	106	H
			15.16	54.53	PK-U	40.3	-42.63	0	52.2	-	-	68.2	-16	183	185	H
			15.174777	42.23	ADR	40.4	-42.41	0.36	40.58	-	-	-	-	183	185	H
			10.244668	58.06	PK-U	37.6	-46.19	0	49.47	-	-	68.2	-18.73	37	345	V
			10.244294	45.92	ADR	37.6	-46.2	0.36	37.68	-	-	-	-	37	345	V
			15.146119	54.1	PK-U	40.2	-42.66	0	51.64	-	-	68.2	-16.56	314	247	V
			15.172679	42.49	ADR	40.3	-42.43	0.36	40.72	-	-	-	-	314	247	V
HDRPL16	5164	6 + 5	2.556841	61.2	PK-U	32.4	-49.68	0	43.92	-	-	68.2	-24.28	216	279	H
			2.554207	48.96	ADR	32.4	-49.71	0.16	31.83	-	-	-	-	216	279	H
			2.547545	60.55	PK-U	32.4	-49.69	0	43.26	-	-	68.2	-24.94	303	198	V
			2.558018	49.08	ADR	32.4	-49.67	0.16	31.99	-	-	-	-	303	198	V
			10.348167	56.54	PK-U	37.7	-45.7	0	48.54	-	-	68.2	-19.66	191	313	H
			10.361865	44.99	ADR	37.7	-45.72	0.16	37.15	-	-	-	-	191	313	H
			* 15.43856	55.01	PK-U	40.8	-42.18	0	53.63	-	-	74	-20.37	17	272	H
			* 15.468493	43.1	ADR	40.9	-41.79	0.16	42.37	54	-11.63	-	-	17	272	H
			10.368838	56.6	PK-U	37.7	-45.65	0	48.65	-	-	68.2	-19.55	198	143	V
			10.349834	44.7	ADR	37.7	-45.76	0.16	36.82	-	-	-	-	198	143	V
			* 15.459862	54.84	PK-U	40.8	-41.82	0	53.82	-	-	74	-20.18	249	263	V
			* 15.456982	43	ADR	40.8	-41.89	0.16	42.07	54	-11.93	-	-	249	263	V
			* 9.165917	57.31	PK-U	36.4	-44.6	0	49.11	-	-	74	-24.89	360	101	V
			* 9.162916	45.79	ADR	36.4	-44.6	0.16	37.75	54	-16.25	-	-	360	101	V
			2.542684	46.68	ADR	32.3	-47.9	0.16	31.24	-	-	-	-	360	101	V
	5203	6 + 5	2.543323	58.47	PK-U	32.3	-47.9	0	42.87	-	-	68.2	-25.33	360	101	V
			2.550134	46.54	ADR	32.3	-47.9	0.16	31.1	-	-	-	-	360	101	H
			2.551056	57.7	PK-U	32.3	-47.9	0	42.1	-	-	68.2	-26.1	360	101	H
			9.204643	45.57	ADR	36.4	-44.44	0.16	37.69	-	-	-	-	360	200	H
			9.20518	56.81	PK-U	36.4	-44.4	0	48.81	-	-	68.2	-19.39	360	200	H
			16.913976	46.7	ADR	41.4	-42.1	0.16	46.16	-	-	-	-	360	101	V
			16.917042	58.13	PK-U	41.4	-42.11	0	57.42	-	-	68.2	-10.78	360	101	V
			16.968492	58.23	PK-U	41.4	-42.4	0	57.23	-	-	68.2	-10.97	360	200	H
			16.970167	46.45	ADR	41.4	-42.42	0.16	45.59	-	-	-	-	360	200	H
			* 2.486802	60.58	PK-U	32.2	-50.14	0	42.64	-	-	74	-31.36	270	311	H
			* 2.491902	48.99	ADR	32.2	-50.13	0.16	31.22	54	-22.78	-	-	270	311	H
			* 2.457855	61.39	PK-U	32.4	-50.2	0	43.59	-	-	68.2	-24.61	359	296	V
			* 2.492948	48.92	ADR	32.2	-50.12	0.16	31.16	54	-22.84	-	-	359	296	V
	5242	6 + 5	10.48748	56.27	PK-U	37.8	-45.87	0	48.2	-	-	68.2	-20	356	151	H
			10.49624	44.66	ADR	37.8	-45.95	0.16	36.67	-	-	-	-	356	151	H
			* 15.862618	55.37	PK-U	41.2	-41.78	0	54.79	-	-	74	-19.21	85	257	H
			* 15.865902	43.01	ADR	41.2	-41.72	0.16	42.65	54	-11.35	-	-	85	257	H
			10.493082	56.5	PK-U	37.8	-45.9	0	48.4	-	-	68.2	-19.8	288	104	V
			10.486122	44.7	ADR	37.8	-45.91	0.16	36.75	-	-	-	-	288	104	V
			* 15.867935	54.61	PK-U	41.2	-41.56	0	54.25	-	-	74	-19.75	236	299	V
			* 15.8661	42.82	ADR	41.2	-41.71	0.16	42.47	54	-11.53	-	-	236	299	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE (HIGH POWER)

LOW CHANNEL 5162MHz



Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3967.853	57.76	PK-U	33.2	0	-47.35	43.61	-	-	74	-30.39	-	-	18	100	H
2	* 3967.622	45.39	ADR	33.2	1.15	-47.35	32.39	54	-21.61	-	-	-	-	18	100	H
5	* 3979.434	57.78	PK-U	33.3	0	-47.45	43.63	-	-	74	-30.37	-	-	340	199	V
5	* 3980.871	46.02	ADR	33.3	1.15	-47.44	33.03	54	-20.97	-	-	-	-	340	199	V
3	* 11961.202	52.2	PK-U	39.2	0	-42.05	49.35	-	-	74	-24.65	-	-	340	100	H
3	* 11959.025	40.26	ADR	39.2	1.15	-42.06	38.55	54	-15.45	-	-	-	-	340	100	H
6	* 11905.549	52.81	PK-U	39.2	0	-42.11	49.9	-	-	74	-24.1	-	-	340	201	V
6	* 11907.247	40.67	ADR	39.2	1.15	-42.08	38.94	54	-15.06	-	-	-	-	340	201	V
1	2400.015	55.13	ADR	33.5	1.15	-49.81	39.97	-	-	-	-	-	-	18	192	H
4	2400.028	61.89	PK-U	33.5	0	-49.81	45.58	-	-	-	-	68.2	-22.62	340	248	V
1	2400.047	63.29	PK-U	33.5	0	-49.81	46.98	-	-	-	-	68.2	-21.22	18	192	H
4	2400.062	52.94	ADR	33.5	1.15	-49.81	37.78	-	-	-	-	-	-	340	248	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.1.4. UNII-3 BAND SISO MODE – BANDEDGE – HIGH POWER

UNII-3 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Conversion Factor (dB)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6	5.648784	-48.57	Pk	34.7	11.8	-35.3	0	-37.37	-27	-10.37	149	223	H
			5.725	-48.76	Pk	34.7	11.8	-35.3	0	-37.56	27	-64.56	149	223	H
			5.639217	-49.59	Pk	34.7	11.8	-35.2	0	-38.29	-27	-11.29	86	268	V
		5	5.725	-51.26	Pk	34.7	11.8	-35.3	0	-40.06	27	-67.06	86	268	V
			5.725	-50.89	Pk	34.9	11.8	-34.4	0	-38.59	27	-65.59	290	197	H
			5.627767	-48.75	Pk	34.7	11.8	-34.3	0	-36.55	-27	-9.55	290	197	H
			5.725	-50.89	Pk	34.9	11.8	-34.4	0	-38.59	27	-65.59	300	315	V
			5.628633	-48.77	Pk	34.7	11.8	-34.3	0	-36.57	-27	-9.57	300	315	V
			5.85	-49.11	Pk	35.2	11.8	-34.2	0	-36.31	27	-63.31	63	101	H
	5844	6	5.96465	-48.31	Pk	35.5	11.8	-34.2	0	-35.21	-27	-8.21	63	101	H
			5.85	-51.17	Pk	35.2	11.8	-34.2	0	-38.37	27	-65.37	354	288	V
			5.982175	-49.3	Pk	35.6	11.8	-34	0	-35.9	-27	-8.9	354	288	V
		5	5.85	-51.32	Pk	35.2	11.8	-34.2	0	-38.52	27	-65.52	285	219	H
			5.97745	-48.99	Pk	35.6	11.8	-34.1	0	-35.69	-27	-8.69	285	219	H
			5.85	-51.2	Pk	35.2	11.8	-34.2	0	-38.4	27	-65.4	313	252	V
			5.991975	-48.63	Pk	35.6	11.8	-34.1	0	-35.33	-27	-8.33	313	252	V
LE1M	5733	6	5.6435	-63.59	Pk	34.7	11.8	-20.4	0	-37.49	-27	-10.49	101	108	H
			5.725	-65.77	Pk	34.8	11.8	-20.1	0	-39.27	27	-66.27	101	108	H
			5.633217	-64.4	Pk	34.7	11.8	-20.48	0	-38.38	-27	-11.38	119	105	V
		5	5.725	-66.85	Pk	34.8	11.8	-20.1	0	-40.35	27	-67.35	119	105	V
			5.64305	-48.39	Pk	34.6	11.8	-37.27	0	-39.26	-27	-12.26	200	202	H
			5.725	-50.52	Pk	34.7	11.8	-36.96	0	-40.98	27	-67.98	200	202	H
			5.6431	-48.25	Pk	34.6	11.8	-37.27	0	-39.12	-27	-12.12	227	242	V
			5.725	-50.27	Pk	34.7	11.8	-36.96	0	-40.73	27	-67.73	227	242	V
			5.85	-64.5	Pk	35.1	11.8	-19.5	0	-37.1	27	-64.1	101	101	H
	5844	6	5.97485	-63.61	Pk	35.3	11.8	-18.9	0	-35.41	-27	-8.41	101	101	H
			5.85	-66.35	Pk	35.1	11.8	-19.5	0	-38.95	27	-65.95	131	101	V
			5.983725	-65.04	Pk	35.3	11.8	-18.9	0	-36.84	-27	-9.84	131	101	V
		5	5.85	-49.21	Pk	35	11.8	-36.65	0	-39.06	27	-66.06	207	234	H
			5.992025	-48.61	Pk	35.3	11.8	-36.4	0	-37.91	-27	-10.91	207	234	H
			5.85	-50.78	Pk	35	11.8	-36.65	0	-40.63	27	-67.63	220	266	V
			5.979	-47.64	Pk	35.2	11.8	-36.42	0	-37.06	-27	-10.06	220	266	V
LE2M	5733	6	5.6388	-49.79	Pk	34.8	11.8	-34.19	0	-37.38	-27	-10.38	29	233	H
			5.725	-50.36	Pk	34.9	11.8	-34.1	0	-37.76	27	-64.76	29	233	H
			5.62665	-50.07	Pk	34.8	11.8	-34.24	0	-37.71	-27	-10.71	65	152	V
		5	5.725	-52.68	Pk	34.9	11.8	-34.1	0	-40.08	27	-67.08	65	152	V
			5.647484	-50.4	Pk	34.8	11.8	-34.13	0	-37.93	-27	-10.93	79	216	H
			5.725	-52.53	Pk	34.9	11.8	-34.1	0	-39.93	27	-66.93	79	216	H
			5.64545	-49.7	Pk	34.8	11.8	-34.17	0	-37.27	-27	-10.27	105	266	V
			5.725	-52.32	Pk	34.9	11.8	-34.1	0	-39.72	27	-66.72	105	266	V
			5.85	-49.01	Pk	35.1	11.8	-33.85	0	-35.96	27	-62.96	34	102	H
	5844	6	5.9974	-48.98	Pk	35.4	11.8	-33.68	0	-35.46	-27	-8.46	34	102	H
			5.85	-50.99	Pk	35.1	11.8	-33.85	0	-37.94	27	-64.94	66	128	V
			5.985125	-49.16	Pk	35.4	11.8	-33.69	0	-35.65	-27	-8.65	66	128	V
		5	5.85	-51.4	Pk	35.1	11.8	-33.85	0	-38.35	27	-65.35	83	273	H
			5.97625	-49.65	Pk	35.4	11.8	-33.72	0	-36.17	-27	-9.17	83	273	H
			5.85	-50.93	Pk	35.1	11.8	-33.85	0	-37.88	27	-64.88	104	309	V
			5.97235	-49.08	Pk	35.4	11.8	-33.74	0	-35.62	-27	-8.62	104	309	V

Pk - Peak detector

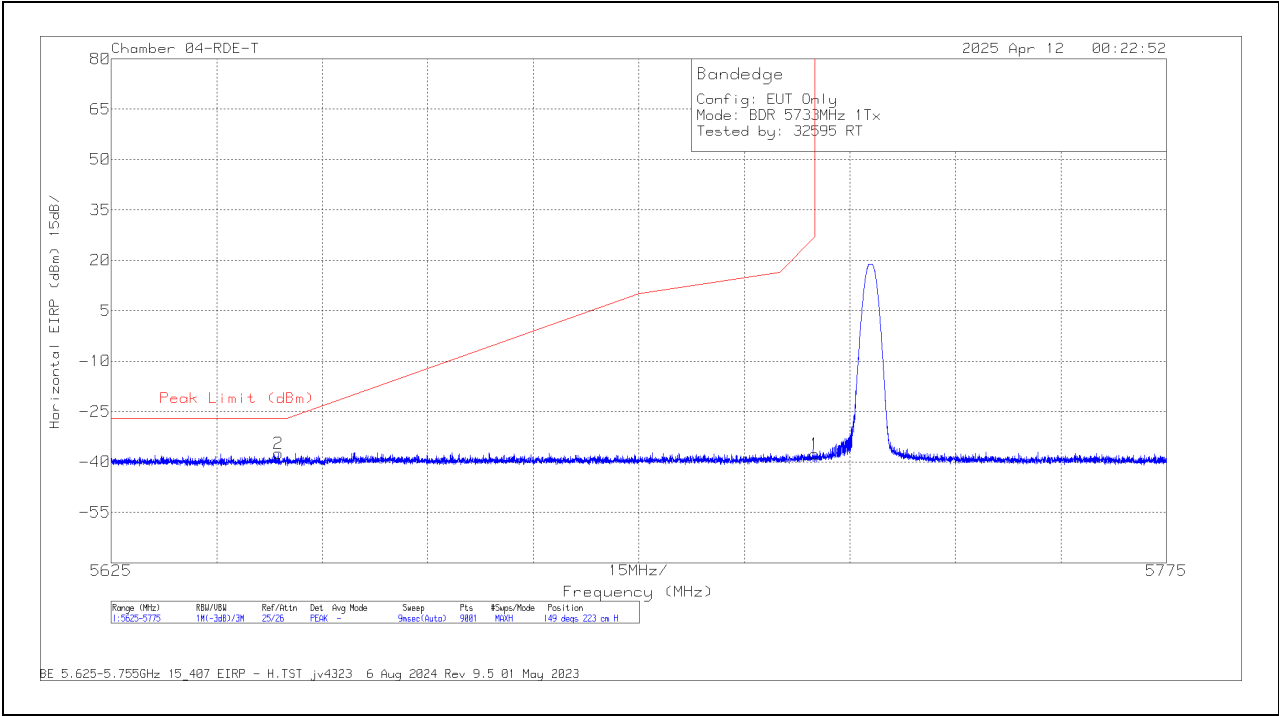
UNII-3 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Conversion Factor (dB)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT4	5733	6	5.649	-64.37	Pk	34.7	11.8	-23.85	0	-41.72	-27	-14.72	324	103	H
			5.725	-63.09	Pk	34.9	11.8	-23.81	0	-40.2	27	-67.2	324	103	H
			5.649951	-65.57	Pk	34.7	11.8	-23.83	0	-42.9	-27	-15.9	5	113	V
		5	5.725	-67.57	Pk	34.9	11.8	-23.81	0	-44.68	27	-71.68	5	113	V
			5.635	-65.49	Pk	34.7	11.8	-23.73	0	-42.72	-27	-15.72	5	231	H
			5.725	-66.79	Pk	34.9	11.8	-23.81	0	-43.9	27	-70.9	5	231	H
			5.63395	-65.64	Pk	34.7	11.8	-23.79	0	-42.93	-27	-15.93	38	255	V
			5.725	-66.33	Pk	34.9	11.8	-23.81	0	-43.44	27	-70.44	38	255	V
			5.85	-59.11	Pk	35.1	11.8	-23.43	0	-35.64	27	-62.64	322	102	H
5844	5733	6	5.93835	-63.86	Pk	35.2	11.8	-23.37	0	-40.23	-27	-13.23	322	102	H
			5.85	-66.41	Pk	35.1	11.8	-23.43	0	-42.94	27	-69.94	16	132	V
			5.993725	-64.66	Pk	35.2	11.8	-23.5	0	-41.16	-27	-14.16	16	132	V
		5	5.85	-65.83	Pk	35.1	11.8	-23.43	0	-42.36	27	-69.36	24	230	H
			5.9516	-65.37	Pk	35.2	11.8	-23.39	0	-41.76	-27	-14.76	24	230	H
			5.85	-64.72	Pk	35.1	11.8	-23.43	0	-41.25	27	-68.25	35	235	V
			5.9362	-64.7	Pk	35.2	11.8	-23.42	0	-41.12	-27	-14.12	35	235	V
			5.725	-48.32	Pk	35.1	11.8	-37.88	0	-39.3	27	-66.3	275	132	H
			5.649134	-47.85	Pk	35	11.8	-38.05	0	-39.1	-27	-12.1	275	132	H
XHDRPS2	5733	6	5.725	-49.88	Pk	35.1	11.8	-37.88	0	-40.86	27	-67.86	6	174	V
			5.639884	-48.2	Pk	34.9	11.8	-38.1	0	-39.6	-27	-12.6	6	174	V
			5.637234	-47.66	Pk	35	11.8	-38.41	0	-39.27	-27	-12.27	10	308	H
		5	5.725	-49.46	Pk	35.1	11.8	-38.19	0	-40.75	27	-67.75	10	308	H
			5.641734	-47.34	Pk	35	11.8	-38.43	0	-38.97	-27	-11.97	39	231	V
			5.725	-49.01	Pk	35.1	11.8	-38.19	0	-40.3	27	-67.3	39	231	V
			5.85	-45.87	Pk	35.1	11.8	-37.78	0	-36.75	27	-63.75	32	105	H
			5.989275	-46.9	Pk	35.3	11.8	-37.52	0	-37.32	-27	-10.32	32	105	H
			5.85	-48.97	Pk	35.1	11.8	-37.78	0	-39.85	27	-66.85	41	218	V
5844	5733	6	5.997675	-47.52	Pk	35.3	11.8	-37.52	0	-37.94	-27	-10.94	41	218	V
			5.85	-65.44	Pk	35.1	11.8	-23.43	0	-41.97	27	-68.97	14	255	H
			5.973725	-64.36	Pk	35.2	11.8	-23.38	0	-40.74	-27	-13.74	14	255	H
		5	5.85	-65.14	Pk	35.1	11.8	-23.43	0	-41.67	27	-68.67	31	277	V
			5.9916	-64.45	Pk	35.2	11.8	-23.43	0	-40.88	-27	-13.88	31	277	V
			5.6364	-48.87	Pk	34.8	11.8	-34.19	0	-36.46	-27	-9.46	33	106	H
			5.725	-42.51	Pk	34.9	11.8	-34.1	0	-29.91	27	-56.91	33	106	H
			5.6336	-50.04	Pk	34.8	11.8	-34.22	0	-37.66	-27	-10.66	285	109	V
			5.725	-50.65	Pk	34.9	11.8	-34.1	0	-38.05	27	-65.05	285	109	V
XHDRPM8	5733	6	5.63295	-65.12	Pk	34.7	11.8	-23.71	0	-42.33	-27	-15.33	23	232	H
			5.725	-63.02	Pk	34.9	11.8	-23.81	0	-40.13	27	-67.13	23	232	H
			5.6294	-64.95	Pk	34.7	11.8	-23.76	0	-42.21	-27	-15.21	38	214	V
		5	5.725	-62.26	Pk	34.9	11.8	-23.81	0	-39.37	27	-66.37	38	214	V
			5.85	-32.54	Pk	35.1	11.8	-36.78	0	-22.42	27	-49.42	310	133	H
			5.99245	-48.16	Pk	35.3	11.8	-36.29	0	-37.35	-27	-10.35	310	133	H
			5.85	-45.32	Pk	35.1	11.8	-36.78	0	-35.2	27	-62.2	62	115	V
			5.998425	-48.67	Pk	35.3	11.8	-36.31	0	-37.88	-27	-10.88	62	115	V
			5.85	-52.16	Pk	35.1	11.8	-23.43	0	-28.69	27	-55.69	18	234	H
5844	5733	6	5.930225	-64.71	Pk	35.2	11.8	-23.44	0	-41.15	-27	-14.15	18	234	H
			5.85	-49.88	Pk	35.1	11.8	-23.43	0	-26.41	27	-53.41	38	207	V
			5.997825	-64.79	Pk	35.2	11.8	-23.48	0	-41.27	-27	-14.27	38	207	V
		5	5.640667	-50.45	Pk	34.8	11.8	-34.22	0	-38.07	-27	-11.07	304	291	H
			5.725	-36.45	Pk	34.9	11.8	-34.1	0	-23.85	27	-50.85	304	291	H
			5.63525	-49.79	Pk	34.8	11.8	-34.19	0	-37.38	-27	-10.38	254	270	V
			5.725	-41.81	Pk	34.9	11.8	-34.1	0	-29.21	27	-56.21	254	270	V
			5.628133	-50.24	Pk	34.8	11.8	-34.26	0	-37.9	-27	-10.9	63	118	H
			5.725	-49.89	Pk	34.9	11.8	-34.1	0	-37.29	27	-64.29	63	118	H
HDRPL16	5733	6	5.645817	-49.83	Pk	34.8	11.8	-34.18	0	-37.41	-27	-10.41	78	105	V
			5.725	-48.96	Pk	34.9	11.8	-34.1	0	-36.36	27	-63.36	78	105	V
			5.85	-13.64	Pk	35.1	11.8	-36.78	0	-3.52	27	-30.52	297	110	H
		5	5.952475	-47.53	Pk	35.3	11.8	-36.41	0	-36.84	-27	-9.84	297	110	H
			5.85	-30.48	Pk	35.1	11.8	-36.78	0	-20.36	27	-47.36	48	117	V
			5.98955	-48.31	Pk	35.3	11.8	-36.31	0	-37.52	-27	-10.52	48	117	V
			5.85	-23.17	Pk	35.1	11.8	-36.78	0	-13.05	27	-40.05	350	247	H
			5.960675	-48.44	Pk	35.3	11.8	-36.36	0	-37.7	-27	-10.7	350	247	H
			5.85	-23.86	Pk	35.1	11.8	-36.78	0	-13.74	27	-40.74	19	301	V
			5.96195	-47.96	Pk	35.3	11.8	-36.39	0	-37.25	-27	-10.25	19	301	V

Pk - Peak detector

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

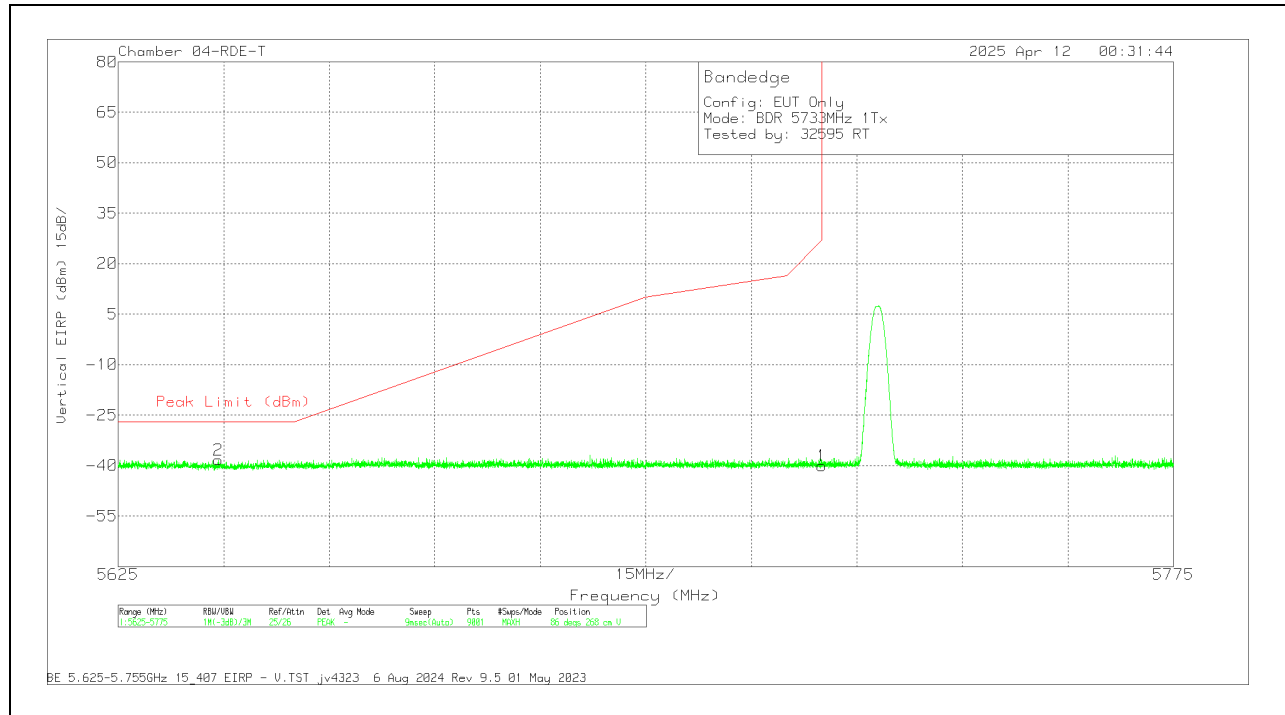
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	79834 ACF (dBm)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5648.784	-48.57	Pk	34.7	11.8	0	-35.3	-37.37	-27	-10.37	149	223	H
1	5725	-48.76	Pk	34.7	11.8	0	-35.3	-37.56	27	-64.56	149	223	H

Pk - Peak detector

VERTICAL RESULT

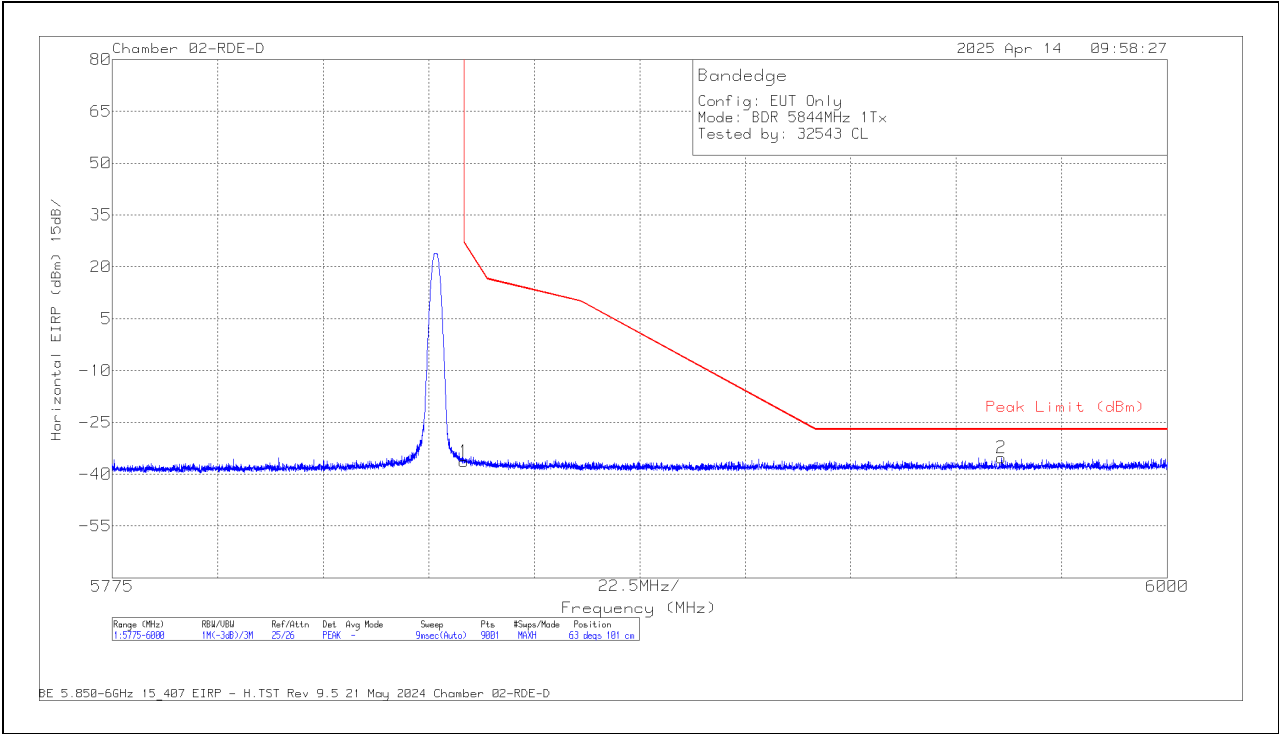


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	79834 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5639.217	-49.59	Pk	34.7	11.8	0	-35.2	-38.29	-27	-11.29	86	268	V
1	5725	-51.26	Pk	34.7	11.8	0	-35.3	-40.06	27	-67.06	86	268	V

PK - Peak detector

BANDEDGE (HIGH CHANNEL)

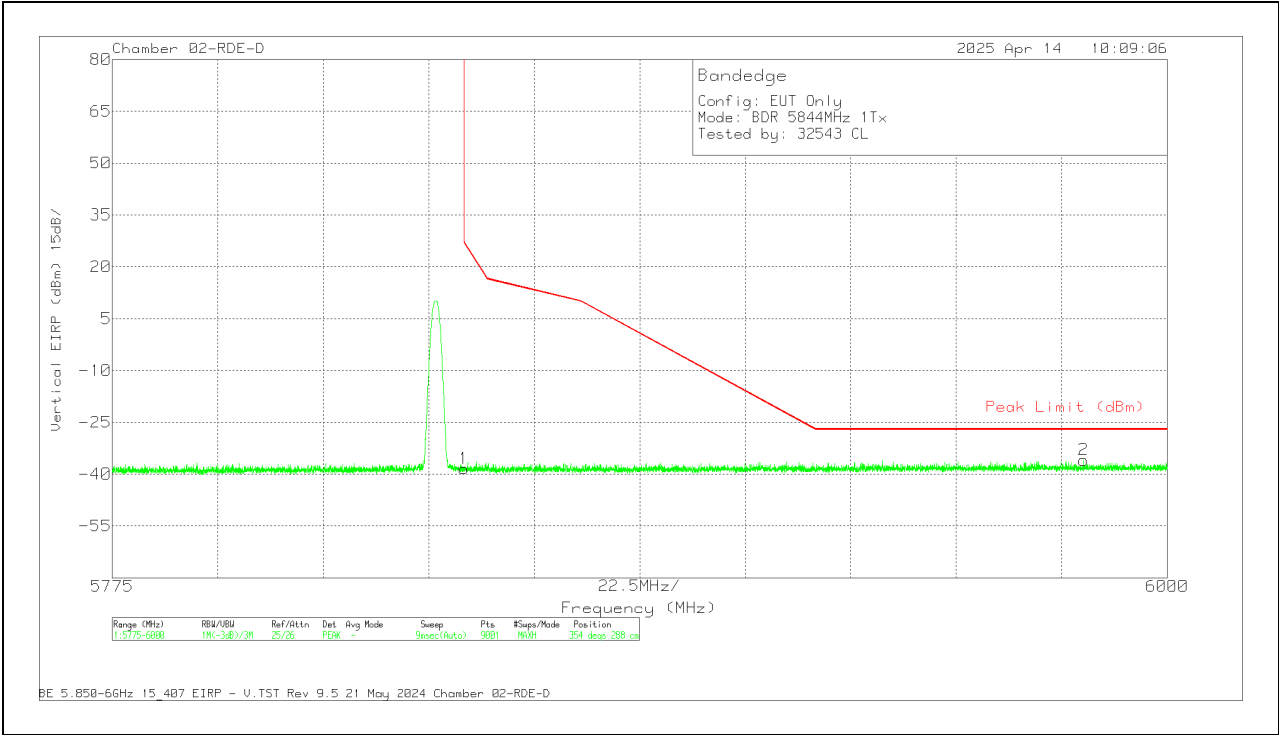
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	226674 ACF (dB/m)	Conversion Factor (dB)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-49.11	Pk	35.2	11.8	-34.2	0	-36.31	27	-63.31	63	101	H
2	5964.65	-48.31	Pk	35.5	11.8	-34.2	0	-35.21	-27	-8.21	63	101	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	226674 ACF (dB/m)	Conversion Factor (dB)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-51.17	Pk	35.2	11.8	-34.2	0	-38.37	27	-65.37	354	288	V
2	5982.175	-49.3	Pk	35.6	11.8	-34	0	-35.9	-27	-8.9	354	288	V

Pk - Peak detector

10.1.5. UNII-3 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER

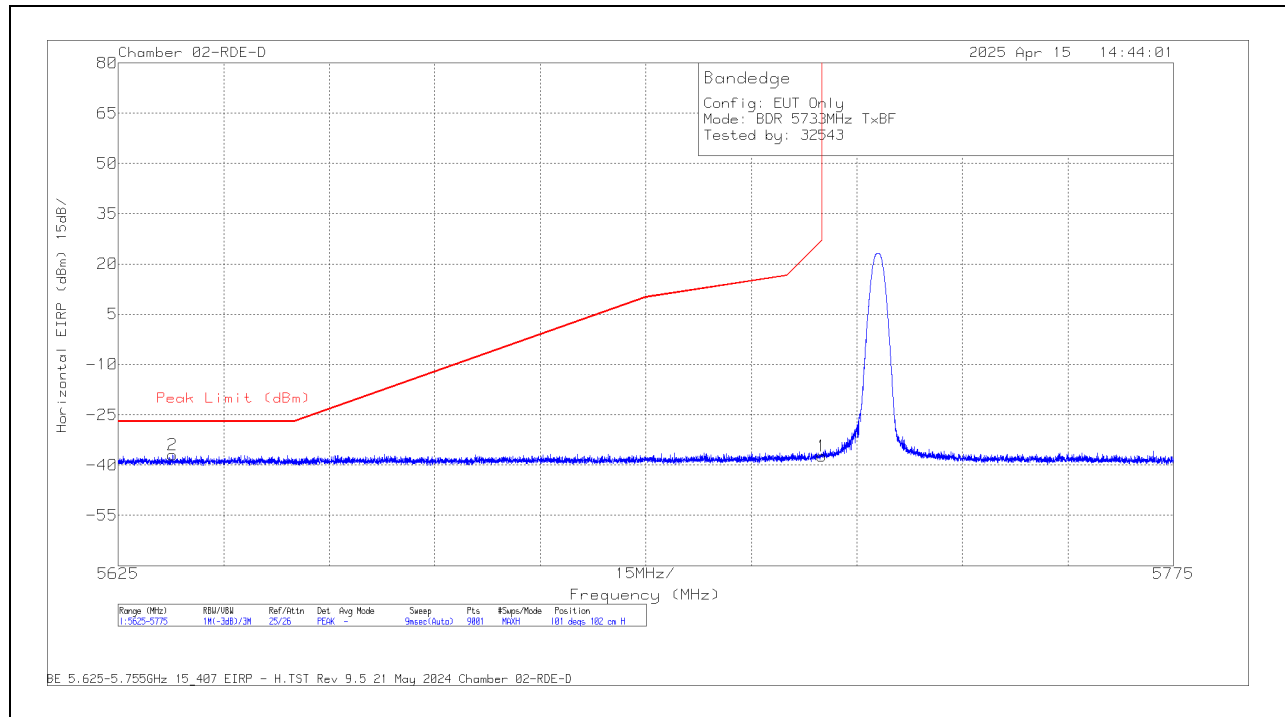
UNII-3 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6 + 5	5.725	-49.62	Pk	34.9	-34.4	11.8	0	-37.32	27	-64.32	101	102	H
			5.632733	-48.91	Pk	34.7	-34.5	11.8	0	-36.91	-27	-9.91	101	102	H
			5.725	-50.28	Pk	34.9	-34.4	11.8	0	-37.98	27	-64.98	84	102	V
			5.634467	-48.91	Pk	34.7	-34.5	11.8	0	-36.91	-27	-9.91	84	102	V
	5844	6 + 5	5.85	-48.89	Pk	35.2	-34.2	11.8	0	-36.09	27	-63.09	91	124	H
			5.951275	-48.54	Pk	35.5	-34.2	11.8	0	-35.44	-27	-8.44	91	124	H
			5.85	-51.33	Pk	35.2	-34.2	11.8	0	-38.53	27	-65.53	115	246	V
			5.946075	-48.9	Pk	35.5	-34.3	11.8	0	-35.9	-27	-8.9	115	246	V
LE1M	5733	6 + 5	5.647334	-48.08	Pk	34.9	11.8	-36.87	0	-38.25	-27	-11.25	4	104	H
			5.725	-48.6	Pk	34.9	11.8	-36.7	0	-38.6	27	-65.6	4	104	H
			5.6288	-47.85	Pk	34.9	11.8	-36.8	0	-37.95	-27	-10.95	25	232	V
			5.725	-50.23	Pk	34.9	11.8	-36.7	0	-40.23	27	-67.23	25	232	V
	5844	6 + 5	5.85	-47.9	Pk	35.1	11.8	-36.3	0	-37.3	27	-64.3	3	217	H
			5.969425	-48.32	Pk	35.5	11.8	-36.1	0	-37.12	-27	-10.12	3	217	H
			5.85	-49.16	Pk	35.1	11.8	-36.3	0	-38.56	27	-65.56	23	216	V
			5.960825	-48.11	Pk	35.5	11.8	-35.9	0	-36.71	-27	-9.71	23	216	V
LE2M	5733	6 + 5	5.632517	-65.08	Pk	34.7	-23.76	11.8	0	-42.34	-27	-15.34	12	125	H
			5.725	-66.97	Pk	34.9	-23.81	11.8	0	-44.08	27	-71.08	12	125	H
			5.6269	-65.21	Pk	34.7	-23.7	11.8	0	-42.41	-27	-15.41	55	158	V
			5.725	-65.05	Pk	34.9	-23.81	11.8	0	-42.16	27	-69.16	55	158	V
	5844	6 + 5	5.85	-64.92	Pk	35.1	-23.43	11.8	0	-41.45	27	-68.45	12	135	H
			5.945025	-64.82	Pk	35.2	-23.41	11.8	0	-41.23	-27	-14.23	12	135	H
			5.85	-62.17	Pk	35.1	-23.43	11.8	0	-38.7	27	-65.7	46	192	V
			5.9396	-64.19	Pk	35.2	-23.38	11.8	0	-40.57	-27	-13.57	46	192	V
HDT4	5733	6 + 5	5.6413	-65.08	Pk	34.7	-23.79	11.8	0	-42.37	-27	-15.37	354	112	H
			5.725	-63.11	Pk	34.9	-23.81	11.8	0	-40.22	27	-67.22	354	112	H
			5.625267	-64.82	Pk	34.7	-23.75	11.8	0	-42.07	-27	-15.07	15	210	V
			5.725	-67.26	Pk	34.9	-23.81	11.8	0	-44.37	27	-71.37	15	210	V
	5844	6 + 5	5.85	-60.14	Pk	35.1	-23.43	11.8	0	-36.67	27	-63.67	351	144	H
			5.9292	-64.05	Pk	35.2	-23.46	11.8	0	-40.51	-27	-13.51	351	144	H
			5.85	-62.99	Pk	35.1	-23.43	11.8	0	-39.52	27	-66.52	16	209	V
			5.97985	-64.67	Pk	35.2	-23.48	11.8	0	-41.15	-27	-14.15	16	209	V
XHDRPS2	5733	6 + 5	5.642484	-49.6	Pk	34.8	-34.22	11.8	0	-37.22	-27	-10.22	66	129	H
			5.725	-50.32	Pk	34.9	-34.1	11.8	0	-37.72	27	-64.72	66	129	H
			5.6289	-51.25	Pk	34.8	-34.27	11.8	0	-38.92	-27	-11.92	121	281	V
			5.725	-54.06	Pk	34.9	-34.1	11.8	0	-41.46	27	-68.46	121	281	V
	5844	6 + 5	5.85	-48.84	Pk	35.1	-33.85	11.8	0	-35.79	27	-62.79	66	177	H
			5.9288	-50.08	Pk	35.3	-33.66	11.8	0	-36.64	-27	-9.64	66	177	H
			5.85	-49.13	Pk	35.1	-33.85	11.8	0	-36.08	27	-63.08	87	108	V
			5.982475	-49.77	Pk	35.4	-33.71	11.8	0	-36.28	-27	-9.28	87	108	V
XHDRPM8	5733	6 + 5	5.628367	-49.56	Pk	34.8	-34.26	11.8	0	-37.22	-27	-10.22	137	121	H
			5.725	-42.71	Pk	34.9	-34.1	11.8	0	-30.11	27	-57.11	137	121	H
			5.640867	-49.76	Pk	34.8	-34.22	11.8	0	-37.38	-27	-10.38	88	131	V
			5.725	-48.67	Pk	34.9	-34.1	11.8	0	-36.07	27	-63.07	88	131	V
	5844	6 + 5	5.85	-35.29	Pk	35.1	-33.85	11.8	0	-22.24	27	-49.24	102	103	H
			5.96005	-49.33	Pk	35.3	-33.49	11.8	0	-35.72	-27	-8.72	102	103	H
			5.85	-41.73	Pk	35.1	-33.85	11.8	0	-28.68	27	-55.68	89	131	V
			5.9795	-49.97	Pk	35.4	-33.71	11.8	0	-36.48	-27	-9.48	89	131	V
HDRPL16	5733	6 + 5	5.626817	-49.89	Pk	34.8	-34.24	11.8	0	-37.53	-27	-10.53	66	120	H
			5.725	-30.89	Pk	34.9	-34.1	11.8	0	-18.29	27	-45.29	66	120	H
			5.636017	-50.03	Pk	34.8	-34.18	11.8	0	-37.61	-27	-10.61	98	107	V
			5.725	-39.94	Pk	34.9	-34.1	11.8	0	-27.34	27	-54.34	98	107	V
	5844	6 + 5	5.85	-15.56	Pk	35.1	-36.78	11.8	0	-5.44	27	-32.44	320	111	H
			5.9667	-48.23	Pk	35.3	-36.33	11.8	0	-37.46	-27	-10.46	320	111	H
			5.85	-23.41	Pk	35.1	-36.78	11.8	0	-13.29	27	-40.29	357	219	V
			5.9865	-48.24	Pk	35.3	-36.31	11.8	0	-37.45	-27	-10.45	357	219	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 TXBF MODE

BANDEDGE (LOW CHANNEL)

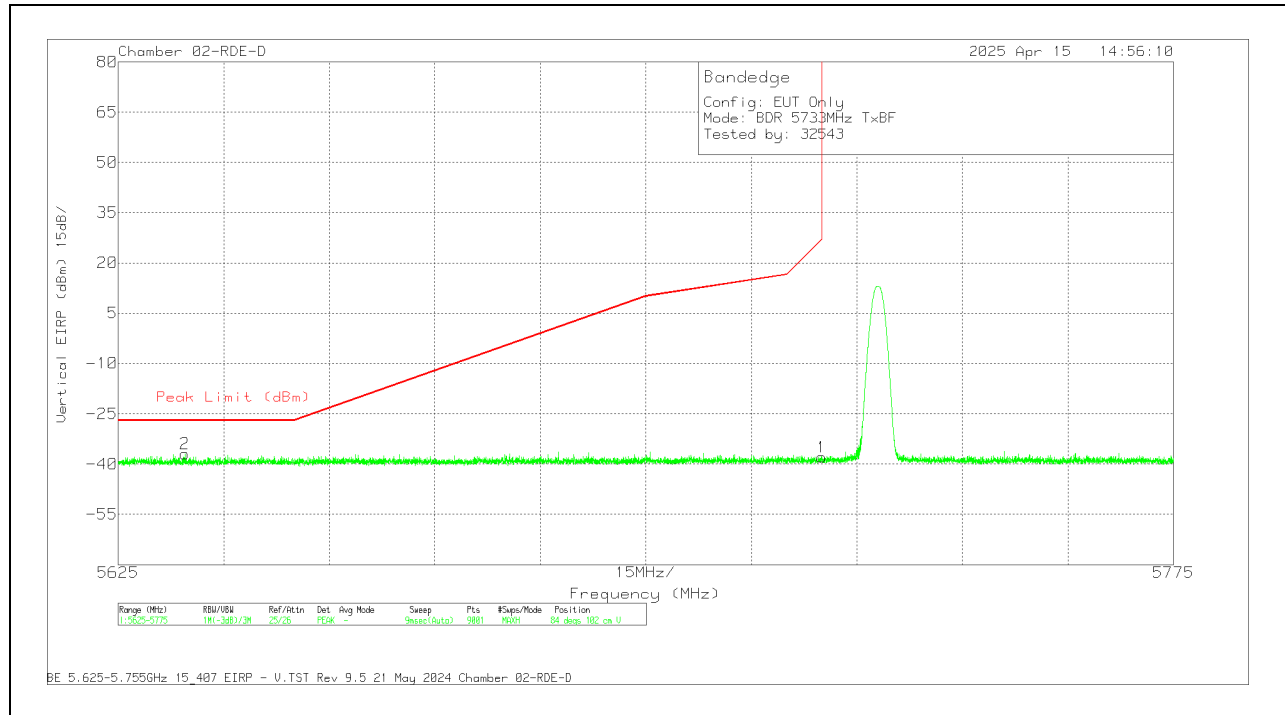
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	226674 ACF (dB/m)	Conversion Factor (dB)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-49.62	Pk	34.9	11.8	-34.4	0	-37.32	27	-64.32	101	102	H
2	5632.733	-48.91	Pk	34.7	11.8	-34.5	0	-36.91	-27	-9.91	101	102	H

Pk - Peak detector

VERTICAL RESULT

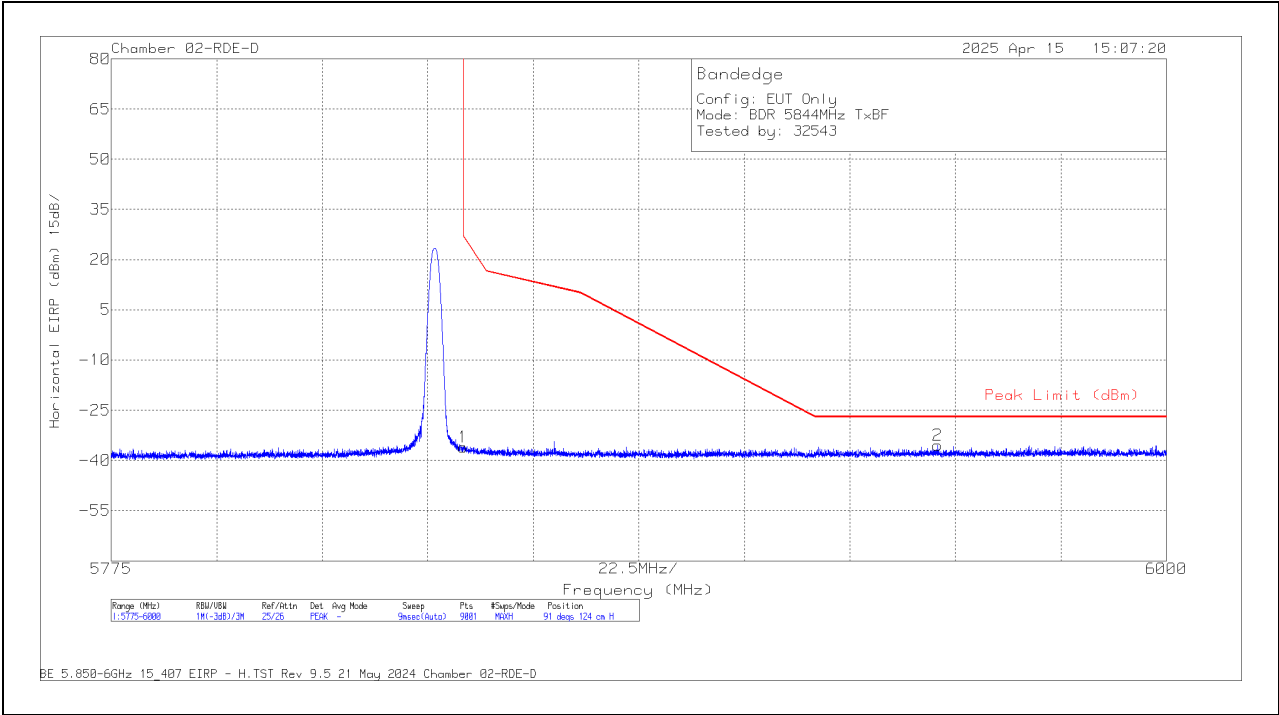


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	226674 ACF (dB/m)	Conversion Factor (dB)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-50.28	PK	34.9	11.8	-34.4	0	-37.98	27	-64.98	84	102	V
2	5634.467	-48.91	PK	34.7	11.8	-34.5	0	-36.91	-27	-9.91	84	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

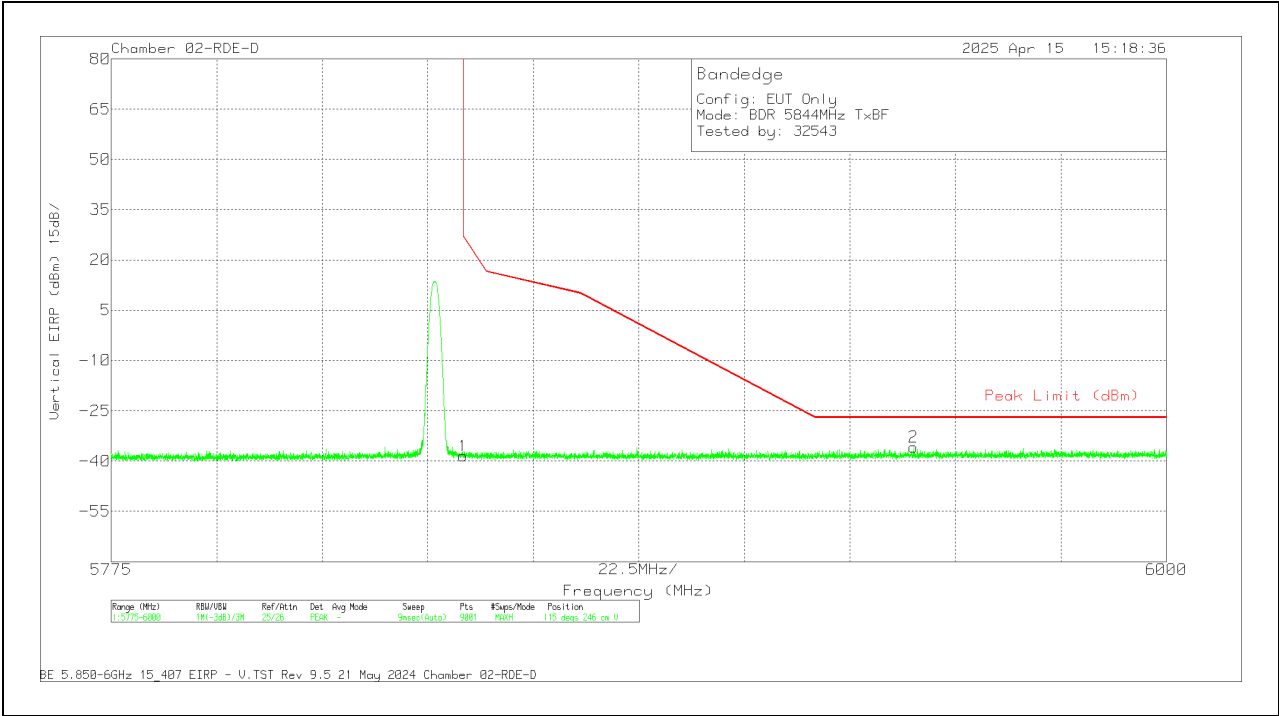
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	226674 ACF (dB/m)	Conversion Factor (dB)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-48.89	Pk	35.2	11.8	-34.2	0	-36.09	27	-63.09	91	124	H
2	5951.275	-48.54	Pk	35.5	11.8	-34.2	0	-35.44	-27	-8.44	91	124	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	226674 ACF (dBm)	Conversion Factor (dB)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-51.33	Pk	35.2	11.8	-34.2	0	-38.53	27	-65.53	115	246	V
2	5946.075	-48.9	Pk	35.5	11.8	-34.3	0	-35.9	-27	-8.9	115	246	V

Pk - Peak detector

10.1.6. UNII-3 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6 + 5	*3.885983	56.48	PK-U	33.5	-46.4	0	43.58	-	-	74	-30.42	53	199	H
			*3.886245	44.88	ADR	33.5	-46.39	1.15	33.14	54	-20.86	-	-	53	199	H
			*3.886564	44.98	ADR	33.5	-46.38	1.15	33.25	54	-20.75	-	-	234	195	V
			*3.888098	57.27	PK-U	33.5	-46.34	0	44.43	-	-	74	-29.57	234	195	V
			*11.46174	55.77	PK-U	38.2	-43.94	0	50.03	-	-	74	-23.97	183	365	H
			*11.463664	43.87	ADR	38.2	-43.87	1.15	39.35	54	-14.65	-	-	183	365	H
			*11.466006	43.79	ADR	38.2	-43.86	1.15	39.28	54	-14.72	-	-	49	281	V
			*11.467348	55.75	PK-U	38.2	-43.78	0	50.17	-	-	74	-23.83	49	281	V
			17.199739	43.59	ADR	41.7	-41.67	1.15	44.77	-	-	-	-	324	306	V
			17.200888	43.54	ADR	41.7	-41.63	1.15	44.76	-	-	-	-	92	341	H
			17.202218	56.11	PK-U	41.7	-41.6	0	56.21	-	-	68.2	-11.99	324	306	V
			17.203107	55.19	PK-U	41.7	-41.58	0	55.31	-	-	68.2	-12.89	92	341	H
	5788	6 + 5	*3.739662	56.86	PK-U	33.2	-46.47	0	43.59	-	-	74	-30.41	17	267	V
			*3.740514	45.04	ADR	33.3	-46.45	1.15	33.04	54	-20.96	-	-	17	267	V
			*3.757343	45.3	ADR	33.3	-46.34	1.15	33.41	54	-20.59	-	-	59	319	H
			*3.757436	56.81	PK-U	33.3	-46.35	0	43.76	-	-	74	-30.24	59	319	H
			*11.571952	42.89	ADR	38.4	-43.75	1.15	38.69	54	-15.31	-	-	12	271	H
			*11.572042	54.55	PK-U	38.4	-43.75	0	49.2	-	-	74	-24.8	12	271	H
			*11.578643	54.14	PK-U	38.4	-43.75	0	48.79	-	-	74	-25.21	290	278	V
			*11.579404	42.81	ADR	38.4	-43.77	1.15	38.59	54	-15.41	-	-	290	278	V
			17.36229	43.04	ADR	41.6	-41.74	1.24	44.14	-	-	-	-	17	296	V
			17.362327	54.92	PK-U	41.6	-41.74	0	54.78	-	-	68.2	-13.42	17	296	V
			17.362508	42.86	ADR	41.6	-41.74	1.15	43.87	-	-	-	-	84	135	H
			17.364589	54.52	PK-U	41.6	-41.68	0	54.44	-	-	68.2	-13.76	84	135	H
	5844	6 + 5	*3.85899	44.64	ADR	33.4	-46.35	1.15	32.84	54	-21.16	-	-	95	367	V
			*3.860789	56.32	PK-U	33.4	-46.32	0	43.4	-	-	74	-30.6	95	367	V
			*3.87096	44.59	ADR	33.4	-46.48	1.15	32.66	54	-21.34	-	-	131	206	H
			*3.87198	56.42	PK-U	33.4	-46.42	0	43.4	-	-	74	-30.6	131	206	H
			*11.687324	53.87	PK-U	38.7	-43.42	0	49.15	-	-	74	-24.85	306	144	H
			*11.687489	42.96	ADR	38.7	-43.42	1.15	39.39	54	-14.61	-	-	110	382	V
			*11.689104	54.57	PK-U	38.7	-43.4	0	49.87	-	-	74	-24.13	110	382	V
			*11.689478	42.34	ADR	38.7	-43.42	1.15	38.77	54	-15.23	-	-	306	144	H
			17.530308	54.31	PK-U	41.7	-41.18	0	54.83	-	-	68.2	-13.37	256	133	V
			17.530505	42.76	ADR	41.7	-41.19	1.15	44.42	-	-	-	-	256	133	V
			17.534728	43.02	ADR	41.8	-41.23	1.15	44.74	-	-	-	-	175	311	H
			17.536236	55.12	PK-U	41.8	-41.25	0	55.67	-	-	68.2	-12.53	175	311	H
LE1M	5733	6 + 5	2.87819	59.77	PK-U	32.6	-49.15	0	43.22	-	-	74	-30.78	139	252	H
			2.877843	47.97	ADR	32.6	-49.15	0.72	32.14	54	-21.86	-	-	139	252	H
			2.874793	59.58	PK-U	32.6	-49.19	0	42.99	-	-	74	-31.01	343	259	V
			2.878839	47.8	ADR	32.6	-49.16	0.72	31.96	54	-22.04	-	-	343	259	V
			11.452339	56.12	PK-U	38.1	-44.59	0	49.63	-	-	74	-24.37	295	253	H
			11.482833	44	ADR	38.2	-44.42	0.72	38.5	54	-15.5	-	-	295	253	H
			17.207779	54.36	PK-U	41.4	-41	0	54.76	-	-	68.2	-13.44	56	238	H
			17.208957	42.57	ADR	41.4	-40.99	0.72	43.7	-	-	-	-	56	238	H
			11.471048	56.15	PK-U	38.1	-44.33	0	49.92	-	-	74	-24.08	111	263	V
			11.45803	44.19	ADR	38.1	-44.45	0.72	38.56	54	-15.44	-	-	111	263	V
			17.227351	53.39	PK-U	41.4	-40.98	0	53.81	-	-	68.2	-14.39	352	388	V
			17.216764	41.79	ADR	41.4	-41.05	0.72	42.86	-	-	-	-	352	388	V
	5788	6 + 5	2.905338	59.34	PK-U	32.7	-49.11	0	42.93	-	-	68.2	-25.27	347	114	H
			2.878905	47.95	ADR	32.6	-49.16	0.72	32.11	54	-21.89	-	-	347	114	H
			2.87987	59.66	PK-U	32.6	-49.16	0	43.1	-	-	74	-30.9	98	319	V
			2.882577	47.94	ADR	32.6	-49.22	0.72	32.04	54	-21.96	-	-	98	319	V
			11.594203	55.82	PK-U	38.4	-44.11	0	50.11	-	-	74	-23.89	154	223	H
			11.574941	43.78	ADR	38.3	-44.21	0.72	38.59	54	-15.41	-	-	154	223	H
			17.394119	55.71	PK-U	41.4	-40.71	0	56.4	-	-	68.2	-11.8	85	298	H
			17.380332	43.4	ADR	41.4	-40.76	0.72	44.76	-	-	-	-	85	298	H
			11.569621	55.7	PK-U	38.3	-44.15	0	49.85	-	-	74	-24.15	338	371	V
			11.597061	43.98	ADR	38.4	-44.18	0.72	38.92	54	-15.08	-	-	338	371	V
			17.332827	54.9	PK-U	41.3	-40.99	0	55.21	-	-	68.2	-12.99	268	366	V
			17.370316	42.43	ADR	41.4	-40.65	0.72	43.9	-	-	-	-	268	366	V
	5844	6 + 5	2.935001	59.56	PK-U	32.8	-48.96	0	43.4	-	-	68.2	-24.8	164	242	H
			2.941427	47.57	ADR	32.8	-49	0.72	32.09	-	-	-	-	164	242	H
			2.936475	59.54	PK-U	32.8	-48.96	0	43.38	-	-	68.2	-24.82	64	224	V
			2.936435	47.51	ADR	32.8	-48.96	0.72	32.07	-	-	-	-	64	224	V
			11.71106	55.9	PK-U	38.6	-44.07	0	50.43	-	-	74	-23.57	243	340	H
			11.684669	43.91	ADR	38.6	-44.23	0.72	39	54	-15	-	-	243	340	H
			17.551317	53.83	PK-U	41.4	-39.78	0	55.45	-	-	68.2	-12.75	270	282	H
			17.539783	41.73	ADR	41.4	-39.39	0.72	44.46	-	-	-	-	270	282	H
			11.677841	55.89	PK-U	38.6	-44.29	0	50.2	-	-	74	-23.8	251	376	V
			11.657814	43.85	ADR	38.5	-44.26	0.72	38.81	54	-15.19	-	-	251	376	V
			11.671877	55.53	PK-U	38.5	-44.35	0	49.68	-	-	74	-24.32	251	376	V
			11.676441	43.79	ADR	38.6	-44.3	0.72	38.81	54	-15.19	-	-	251	376	V
			17.535834	53.84	PK-U	41.4	-39.29	0	55.95	-	-	68.2	-12.25	160	318	V
			17.54942	41.5	ADR	41.4	-39.68	0.72	43.94	-	-	-	-	160	318	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	5733	6 + 5	* 11.402155	52.71	PK-U	38.3	-40.35	0	50.66	-	-	74	-23.34	337	124	H
			* 11.402039	41.15	ADR	38.3	-40.36	2.44	41.53	54	-12.47	-	-	337	124	H
			* 15.475915	54.82	PK-U	40.6	-38.91	0	56.51	-	-	74	-17.49	272	262	H
			* 15.474742	42.29	ADR	40.6	-38.9	2.44	46.43	54	-7.57	-	-	272	262	H
			* 11.41416	53.24	PK-U	38.3	-40.15	0	51.39	-	-	74	-22.61	347	199	V
			* 11.417457	41.33	ADR	38.3	-40.11	2.44	41.96	54	-12.04	-	-	347	199	V
			* 15.481983	54.17	PK-U	40.6	-38.58	0	56.19	-	-	74	-17.81	343	168	V
			* 15.479613	42.22	ADR	40.6	-38.7	2.44	46.56	54	-7.44	-	-	343	168	V
			13.55495	42.95	ADR	39	-40.36	2.44	44.03	-	-	-	-	359	122	H
			13.555756	55.25	PK-U	39	-40.32	0	53.93	-	-	68.2	-14.27	359	122	H
			13.567548	55.36	PK-U	39	-40.34	0	54.02	-	-	68.2	-14.18	21	177	V
			13.56768	42.93	ADR	39	-40.33	2.44	44.04	-	-	-	-	21	177	V
			* 1.29319	55.82	PK-U	28.9	-46.24	0	38.48	-	-	74	-35.52	222	259	H
			* 1.294114	43.95	ADR	28.9	-46.26	2.44	29.03	54	-24.97	-	-	222	259	H
			* 1.295	56.45	PK-U	28.9	-46.29	0	39.06	-	-	74	-34.94	205	299	V
			* 1.296003	44.54	ADR	28.9	-46.32	2.44	29.56	54	-24.44	-	-	205	299	V
			3.129963	55.76	PK-U	33	-45.56	0	43.2	-	-	68.2	-25	83	329	H
	5788	6 + 5	3.130429	43.81	ADR	33	-45.57	2.44	33.68	-	-	-	-	83	329	H
			3.133573	56.19	PK-U	32.9	-45.52	0	43.57	-	-	68.2	-24.63	178	258	V
			3.134556	44.41	ADR	32.9	-45.51	2.44	34.24	-	-	-	-	178	258	V
			9.677115	53.24	PK-U	36.8	-41.39	0	48.65	-	-	68.2	-19.55	357	148	V
			9.677662	41.65	ADR	36.8	-41.4	2.44	39.49	-	-	-	-	357	148	V
			9.67948	40.8	ADR	36.8	-41.38	2.44	38.66	-	-	-	-	309	242	H
			9.68135	53.19	PK-U	36.8	-41.35	0	48.64	-	-	68.2	-19.56	309	242	H
			* 1.558969	57.75	PK-U	28.2	-46.23	0	39.72	-	-	74	-34.28	2	300	H
			* 1.358219	46.59	ADR	28.7	-46.29	2.44	31.44	54	-22.56	-	-	2	300	H
			* 1.358844	58.16	PK-U	28.7	-46.29	0	40.57	-	-	74	-33.43	322	347	V
	5844	6 + 5	* 1.359531	46.63	ADR	28.7	-46.3	2.44	31.47	54	-22.53	-	-	322	347	V
			* 7.631023	52.07	PK-U	35.6	-41.06	0	46.61	-	-	74	-27.39	54	234	H
			* 7.630475	39.94	ADR	35.6	-41.1	2.44	36.88	54	-17.12	-	-	54	234	H
			* 7.630019	51.99	PK-U	35.6	-41.14	0	46.45	-	-	74	-27.55	20	132	V
			* 7.63015	40.18	ADR	35.6	-41.13	2.44	37.09	54	-16.91	-	-	20	132	V
			2.394388	57.56	PK-U	32.1	-46.85	0	42.81	-	-	68.2	-25.39	354	135	V
			2.395426	45.42	ADR	32.1	-46.87	2.44	33.09	-	-	-	-	354	135	V
			2.406696	44.58	ADR	32.1	-46.86	2.44	32.26	-	-	-	-	60	186	H
			2.40675	56.2	PK-U	32.1	-46.86	0	41.44	-	-	68.2	-26.76	60	186	H
			* 1.269302	60.52	PK-U	29.1	-48.8	0	40.82	-	-	74	-33.18	201	357	V
HDT4	5733	6 + 5	* 1.269744	49.24	ADR	29.1	-48.8	0.3	29.84	54	-24.16	-	-	238	258	H
			* 1.271002	49.54	ADR	29.1	-48.8	0.3	30.14	54	-23.86	-	-	201	357	V
			* 1.271124	60.23	PK-U	29.1	-48.8	0	40.53	-	-	74	-33.47	238	258	H
			* 15.521875	40.52	ADR	40.4	-38.1	0.3	43.12	54	-10.88	-	-	42	349	H
			* 15.53967	52.14	PK-U	40.4	-38.1	0	54.44	-	-	74	-19.56	42	349	H
			* 15.706143	41.04	ADR	40.7	-38.4	0.3	43.64	54	-10.36	-	-	181	347	V
			* 15.708405	52.95	PK-U	40.7	-38.4	0	55.25	-	-	74	-18.75	181	347	V
			* 4.103377	45.5	ADR	33.4	-46.1	0.3	33.1	54	-20.9	-	-	197	376	V
			* 4.108593	57.3	PK-U	33.4	-46	0	44.7	-	-	74	-29.3	114	184	H
			* 4.109106	45.58	ADR	33.4	-46	0.3	33.28	54	-20.72	-	-	114	184	H
			* 4.111577	56.64	PK-U	33.4	-46	0	44.04	-	-	74	-29.96	197	376	V
	5788	6 + 5	* 1.269094	49.26	ADR	29.1	-48.8	0.3	29.86	54	-24.14	-	-	67	320	V
			* 1.269521	60.86	PK-U	29.1	-48.8	0	41.16	-	-	74	-32.84	236	372	H
			* 1.270308	49.24	ADR	29.1	-48.8	0.3	29.84	54	-24.16	-	-	236	372	H
			* 1.270907	60.62	PK-U	29.1	-48.8	0	40.92	-	-	74	-33.08	67	320	V
			* 15.510678	40.18	ADR	40.4	-38.3	0.3	42.58	54	-11.42	-	-	145	238	H
			* 15.534456	51.79	PK-U	40.4	-38.4	0	53.79	-	-	74	-20.21	145	238	H
			* 15.650866	51.96	PK-U	40.6	-38.7	0	53.86	-	-	74	-20.14	345	264	V
			* 15.653306	40.67	ADR	40.6	-38.7	0.3	42.87	54	-11.13	-	-	345	264	V
			* 4.049787	45.16	ADR	33.4	-46.2	0.3	32.66	54	-21.34	-	-	63	324	V
			* 4.050614	45.18	ADR	33.4	-46.1	0.3	32.78	54	-21.22	-	-	182	325	H
	5844	6 + 5	* 4.051941	56.95	PK-U	33.4	-46.2	0	44.15	-	-	74	-29.85	63	324	V
			* 4.053714	56.55	PK-U	33.4	-45.9	0	44.05	-	-	74	-29.95	182	325	H
			* 1.112654	60.61	PK-U	27.8	-48.13	0	40.28	-	-	74	-33.72	178	244	H
			* 1.110641	48.96	ADR	27.8	-48.2	0.3	28.86	54	-25.14	-	-	178	244	H
			* 4.749907	58.5	PK-U	34.3	-46.81	0	45.99	-	-	74	-28.01	167	309	H
			* 4.751393	46.41	ADR	34.3	-46.8	0.3	34.21	54	-19.79	-	-	167	309	H
			* 1.115002	60.03	PK-U	27.8	-48.1	0	39.73	-	-	74	-34.27	52	354	V
			* 1.114166	48.69	ADR	27.8	-48.1	0.3	28.69	54	-25.31	-	-	52	354	V
			* 4.758794	57.75	PK-U	34.3	-46.8	0	45.25	-	-	74	-28.75	188	389	V
			* 4.758711	45.9	ADR	34.3	-46.8	0.3	33.7	54	-20.3	-	-	188	389	V
			* 15.654776	58.36	PK-U	40.3	-43.3	0	55.36	-	-	74	-18.64	8	388	H
			* 15.658135	46.26	ADR	40.3	-43.29	0.3	43.57	54	-10.43	-	-	8	388	H
			* 15.632809	57.83	PK-U	40.3	-43.5	0	54.63	-	-	74	-19.37	92	145	V
			* 15.633171	46.17	ADR	40.3	-43.52	0.3	43.25	54	-10.75	-	-	92	145	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNI-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
XHDRPS2	5733	6 + 5	1.963216	46.53	ADR	31.1	-46.65	0	30.98	-	-	-	-	56	274	H
			1.964038	46.66	ADR	31.1	-46.67	0	31.09	-	-	-	-	331	312	V
			1.964988	58.14	PK-U	31.1	-46.69	0	42.55	-	-	68.2	-25.65	56	274	H
			1.965761	58	PK-U	31.1	-46.69	0	42.41	-	-	68.2	-25.79	331	312	V
			3.200079	44.43	ADR	32.9	-45.01	0	32.32	-	-	-	-	20	270	H
			3.201745	55.89	PK-U	32.9	-45.01	0	43.78	-	-	68.2	-24.42	20	270	H
			3.204795	44.31	ADR	32.9	-44.99	0	32.22	-	-	-	-	92	318	V
			3.207439	55.66	PK-U	32.9	-44.96	0	43.6	-	-	68.2	-24.6	92	318	V
			9.669303	52.38	PK-U	36.8	-41.25	0	47.93	-	-	68.2	-20.27	97	302	H
			9.670334	40.75	ADR	36.8	-41.25	0	36.3	-	-	-	-	97	302	H
			9.675876	40.71	ADR	36.8	-41.38	0	36.13	-	-	-	-	108	322	V
			9.67775	52.38	PK-U	36.8	-41.4	0	47.78	-	-	68.2	-20.42	108	322	V
	5788	6 + 5	1.87016	46.63	ADR	30.4	-46.49	0	30.54	-	-	-	-	124	120	H
			1.870652	57.34	PK-U	30.4	-46.48	0	41.26	-	-	68.2	-26.94	124	120	H
			1.874314	57.48	PK-U	30.5	-46.47	0	41.51	-	-	68.2	-26.69	336	314	V
			1.875146	46.75	ADR	30.5	-46.48	0	30.77	-	-	-	-	336	314	V
			3.101886	44.37	ADR	33	-45.51	0	31.86	-	-	-	-	3	341	H
			3.10217	56.08	PK-U	33	-45.51	0	43.57	-	-	68.2	-24.63	22	363	V
			3.104066	44.36	ADR	33	-45.53	0	31.83	-	-	-	-	22	363	V
			3.104634	55.95	PK-U	33	-45.53	0	43.42	-	-	68.2	-24.78	3	341	H
			10.083187	51.86	PK-U	37.5	-41.32	0	48.04	-	-	68.2	-20.16	113	288	V
			10.083941	40.2	ADR	37.5	-41.31	0	36.39	-	-	-	-	113	288	V
			10.08411	52.23	PK-U	37.5	-41.31	0	48.42	-	-	68.2	-19.78	15	295	H
			10.08553	40.29	ADR	37.5	-41.27	0	36.52	-	-	-	-	15	295	H
	5844	6 + 5	2.596926	57.05	PK-U	32.4	-46.48	0	42.97	-	-	68.2	-25.23	323	101	V
			2.597862	45.43	ADR	32.4	-46.47	0	31.36	-	-	-	-	323	101	V
			2.598832	45.8	ADR	32.4	-46.47	0	31.73	-	-	-	-	45	346	H
			2.601138	57.7	PK-U	32.4	-46.46	0	43.64	-	-	68.2	-24.56	45	346	H
			*4.306459	55.7	PK-U	33.7	-45.69	0	43.71	-	-	74	-30.29	94	324	H
			*4.306574	44.06	ADR	33.7	-45.69	0	32.07	54	-21.93	-	-	94	324	H
			*4.308597	56.09	PK-U	33.7	-45.64	0	44.15	-	-	74	-29.85	101	131	V
			*4.310615	44.2	ADR	33.7	-45.63	0	32.27	54	-21.73	-	-	101	131	V
			9.935891	53.47	PK-U	37.3	-40.98	0	49.79	-	-	68.2	-18.41	268	136	H
			9.936023	41.93	ADR	37.3	-40.97	0	38.26	-	-	-	-	268	136	H
			9.937483	41.68	ADR	37.3	-40.88	0	38.1	-	-	-	-	291	400	V
			9.93904	53.39	PK-U	37.3	-40.8	0	49.89	-	-	68.2	-18.31	291	400	V
XHDRPM8	5733	6 + 5	2.926563	59.67	PK-U	32.8	-48.94	0	43.53	-	-	68.2	-24.67	31	158	H
			2.93901	47.65	ADR	32.8	-48.99	0.36	31.82	-	-	-	-	31	158	H
			2.91616	59.49	PK-U	32.8	-49.07	0	43.22	-	-	68.2	-24.98	37	248	V
			2.930687	47.6	ADR	32.8	-48.98	0.36	31.78	-	-	-	-	37	248	V
			11.434115	55.48	PK-U	38	-44.87	0	48.61	-	-	74	-25.39	16	251	H
			11.432813	43.98	ADR	38	-44.89	0.36	37.45	54	-16.55	-	-	16	251	H
			17.162784	53.76	PK-U	41.4	-41.03	0	54.13	-	-	68.2	-14.07	284	286	H
			17.161366	42.41	ADR	41.4	-41.07	0.36	43.1	-	-	-	-	284	286	H
			11.412263	55.41	PK-U	38	-44.89	0	48.52	-	-	74	-25.48	33	131	V
			11.430107	43.72	ADR	38	-44.94	0.36	37.14	54	-16.86	-	-	33	131	V
			17.155357	53.74	PK-U	41.3	-40.97	0	54.07	-	-	68.2	-14.13	348	300	V
			17.172512	42.24	ADR	41.3	-40.97	0.36	42.93	-	-	-	-	348	300	V
	5788	6 + 5	2.873056	60.33	PK-U	32.6	-49.22	0	43.71	-	-	74	-30.29	346	131	H
			2.876762	47.88	ADR	32.6	-49.16	0.36	31.68	54	-22.32	-	-	346	131	H
			2.874631	59.49	PK-U	32.6	-49.19	0	42.9	-	-	74	-31.1	338	185	V
			2.885491	47.97	ADR	32.6	-49.25	0.36	31.68	54	-22.32	-	-	338	185	V
			11.461615	56.36	PK-U	38.1	-44.43	0	50.03	-	-	74	-23.97	20	361	H
			11.468624	43.86	ADR	38.1	-44.38	0.36	37.94	54	-16.06	-	-	20	361	H
			17.113796	53.91	PK-U	41.4	-41.08	0	54.23	-	-	68.2	-13.97	265	376	H
			17.098125	42	ADR	41.4	-41.46	0.36	42.3	-	-	-	-	265	376	H
			11.448	55.64	PK-U	38.1	-44.7	0	49.04	-	-	74	-24.96	332	369	V
			11.472675	43.94	ADR	38.1	-44.37	0.36	38.03	54	-15.97	-	-	332	369	V
			17.071628	54.26	PK-U	41.4	-41.46	0	54.2	-	-	68.2	-14	29	259	V
			17.085197	42.56	ADR	41.4	-41.42	0.36	42.9	-	-	-	-	29	259	V
	5844	6 + 5	2.87901	59.64	PK-U	32.6	-49.16	0	43.08	-	-	74	-30.92	4	203	H
			2.876697	48.06	ADR	32.6	-49.16	0.36	31.86	54	-22.14	-	-	4	203	H
			2.864814	59.9	PK-U	32.6	-49.2	0	43.3	-	-	74	-30.7	162	268	V
			2.879727	48.13	ADR	32.6	-49.16	0.36	31.93	54	-22.07	-	-	162	268	V
			11.659317	55.94	PK-U	38.5	-44.32	0	50.12	-	-	74	-23.88	242	302	H
			11.668753	43.73	ADR	38.5	-44.38	0.36	38.21	54	-15.79	-	-	242	302	H
			17.442788	53.59	PK-U	41.4	-40.48	0	54.51	-	-	68.2	-13.69	237	244	H
			17.440477	42.07	ADR	41.4	-40.53	0.36	43.3	-	-	-	-	237	244	H
			11.662423	55.52	PK-U	38.5	-44.31	0	49.71	-	-	74	-24.29	12	364	V
			11.674138	43.8	ADR	38.5	-44.33	0.36	38.33	54	-15.67	-	-	12	364	V
			17.451156	53.87	PK-U	41.4	-40.42	0	54.85	-	-	68.2	-13.35	331	208	V
			17.43921	42.22	ADR	41.4	-40.5	0.36	43.48	-	-	-	-	331	208	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDRPL16	5733	6 + 5	* 11.445972	56.28	PK-U	38.3	-44.66	0	49.92	-	-	74	-24.08	229	155	H
			* 11.458854	44.74	ADR	38.3	-44.66	0.16	38.54	54	-15.46	-	-	229	155	H
			* 11.45691	56.77	PK-U	38.3	-44.65	0	50.42	-	-	74	-23.58	186	309	V
			* 11.448201	44.59	ADR	38.3	-44.63	0.16	38.42	54	-15.58	-	-	186	309	V
			6.309057	57.38	PK-U	35.6	-45.63	0	47.35	-	-	68.2	-20.85	12	393	H
			6.316143	56.92	PK-U	35.6	-45.63	0	46.89	-	-	68.2	-21.31	103	198	V
			6.334734	45.85	ADR	35.6	-46.05	0.16	35.56	-	-	-	-	12	393	H
			6.338298	45.08	ADR	35.6	-46.07	0.16	34.77	-	-	-	-	103	198	V
			17.203538	57.62	PK-U	40.4	-42.06	0	55.96	-	-	68.2	-12.24	262	194	V
			17.203573	45.3	ADR	40.4	-42.06	0.16	43.8	-	-	-	-	262	194	V
			17.206156	57.33	PK-U	40.4	-42.08	0	55.65	-	-	68.2	-12.55	176	384	H
			17.207334	45.51	ADR	40.4	-42.07	0.16	44	-	-	-	-	176	384	H
			* 11.581546	56.43	PK-U	38.4	-44.26	0	50.57	-	-	74	-23.43	201	178	H
			* 11.587023	44.42	ADR	38.4	-44.38	0.16	38.6	54	-15.4	-	-	201	178	H
			* 11.585393	56.16	PK-U	38.4	-44.36	0	50.2	-	-	74	-23.8	334	204	V
	5788	6 + 5	* 11.59027	44.42	ADR	38.4	-44.49	0.16	38.49	54	-15.51	-	-	334	204	V
			6.331652	46.08	ADR	35.6	-45.94	0.16	35.9	-	-	-	-	51	117	H
			6.33261	45.2	ADR	35.6	-45.99	0.16	34.97	-	-	-	-	72	137	V
			6.350443	57.73	PK-U	35.6	-46.2	0	47.13	-	-	68.2	-21.07	51	117	H
			6.359249	57.27	PK-U	35.6	-46.22	0	46.65	-	-	68.2	-21.55	72	137	V
			17.354823	56.41	PK-U	40.4	-41.64	0	55.17	-	-	68.2	-13.03	52	231	V
			17.377171	44.67	ADR	40.5	-42.13	0.16	43.2	-	-	-	-	57	104	H
			17.380443	44.52	ADR	40.5	-42.13	0.16	43.05	-	-	-	-	52	231	V
			17.381182	56.17	PK-U	40.5	-42.17	0	54.5	-	-	68.2	-13.7	57	104	H
			* 11.706724	56.18	PK-U	38.6	-44.49	0	50.29	-	-	74	-23.71	99	316	H
			* 11.668838	44.69	ADR	38.5	-44.49	0.16	38.86	54	-15.14	-	-	99	316	H
			* 11.68185	57.13	PK-U	38.5	-44.56	0	51.07	-	-	74	-22.93	341	241	V
			* 11.674539	44.77	ADR	38.5	-44.51	0.16	38.92	54	-15.08	-	-	341	241	V
			6.328327	45.08	ADR	35.6	-45.84	0.16	35	-	-	-	-	319	267	V
	5844	6 + 5	6.331811	56.84	PK-U	35.6	-45.94	0	46.5	-	-	68.2	-21.7	319	267	V
			6.336749	45.43	ADR	35.6	-46.07	0.16	35.12	-	-	-	-	181	389	H
			6.337909	57.49	PK-U	35.6	-46.06	0	47.03	-	-	68.2	-21.17	181	389	H
			17.524438	55.69	PK-U	40.7	-41.36	0	55.03	-	-	68.2	-13.17	180	140	V
			17.529315	44.15	ADR	40.7	-41.53	0.16	43.48	-	-	-	-	106	337	H
			17.544327	55.46	PK-U	40.7	-41.59	0	54.57	-	-	68.2	-13.63	106	337	H
			17.549938	44.07	ADR	40.7	-41.57	0.16	43.36	-	-	-	-	180	140	V

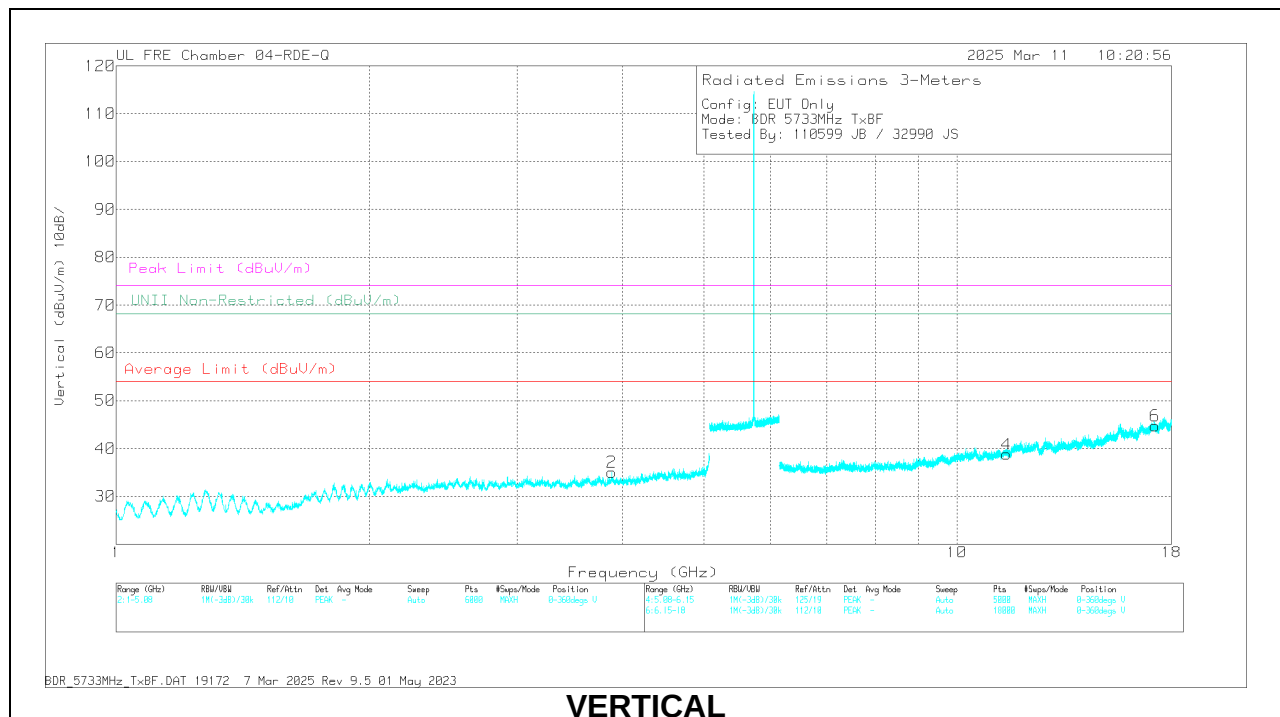
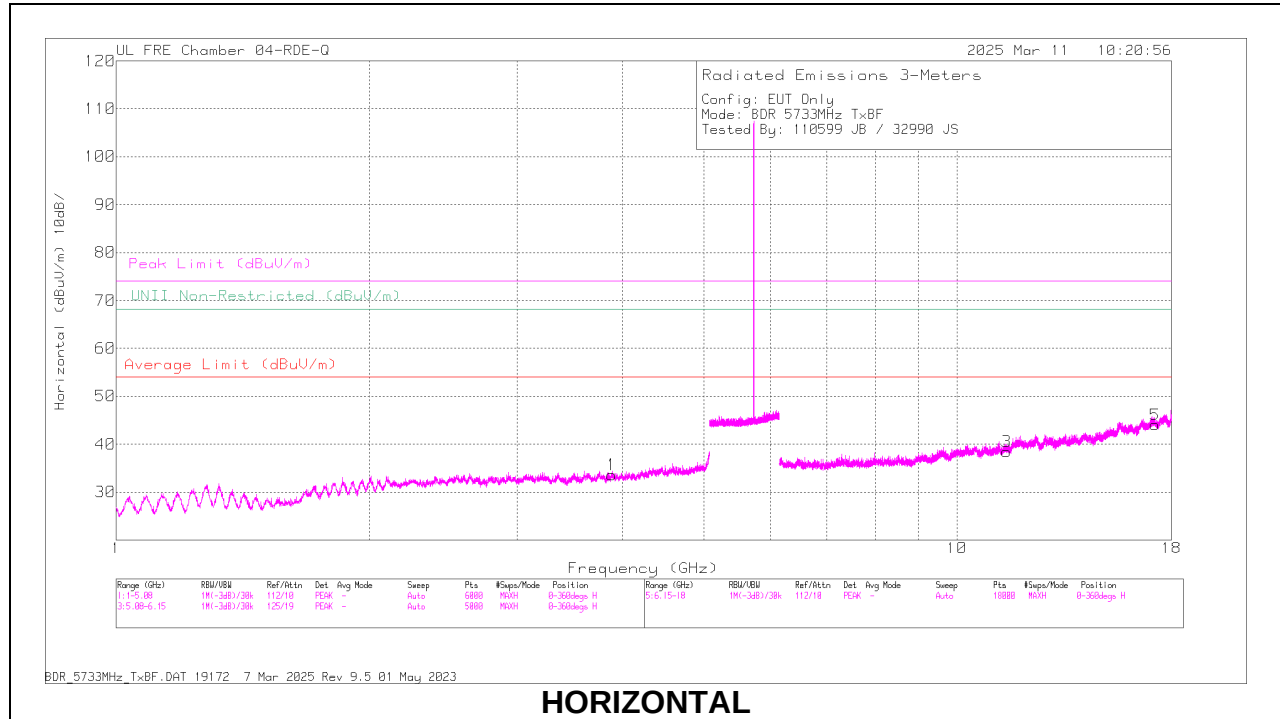
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE (HIGH POWER)

LOW CHANNEL 5733MHz



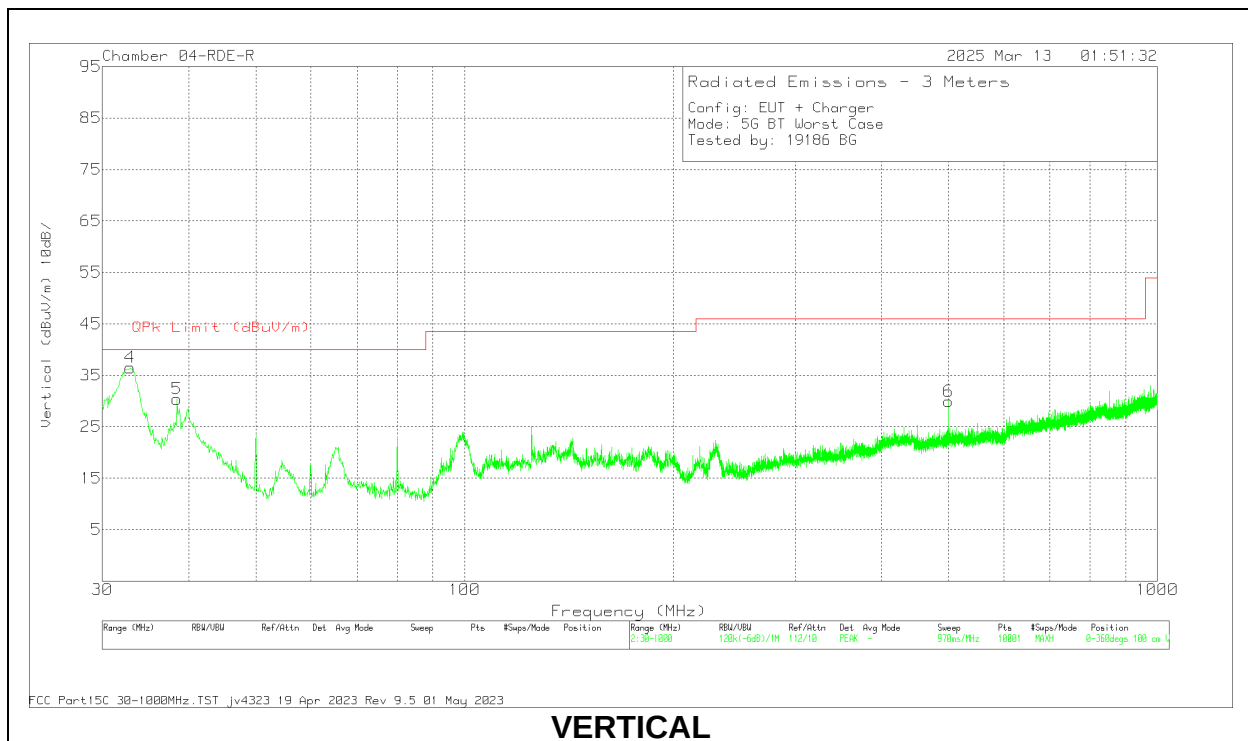
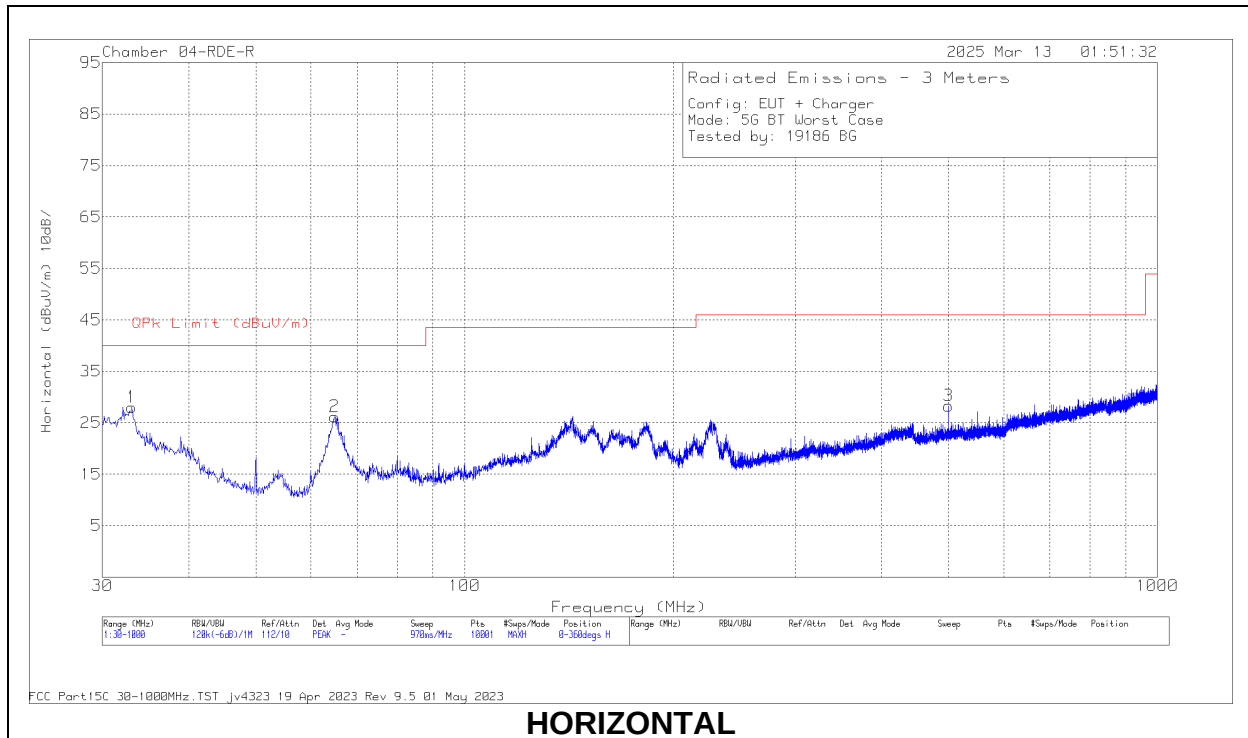
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.885983	56.48	PK-U	33.5	0	-46.4	43.58	-	-	74	-30.42	-	-	53	199	H
1	3.886245	44.88	ADR	33.5	1.15	-46.39	33.14	54	-20.86	-	-	-	-	53	199	H
2	3.886564	44.98	ADR	33.5	1.15	-46.38	33.25	54	-20.75	-	-	-	-	234	195	V
2	3.888098	57.27	PK-U	33.5	0	-46.34	44.43	-	-	74	-29.57	-	-	234	195	V
3	11.46174	55.77	PK-U	38.2	0	-43.94	50.03	-	-	74	-23.97	-	-	183	365	H
3	11.463664	43.87	ADR	38.2	1.15	-43.87	39.35	54	-14.65	-	-	-	-	183	365	H
4	11.466006	43.79	ADR	38.2	1.15	-43.86	39.28	54	-14.72	-	-	-	-	49	281	V
4	11.467348	55.75	PK-U	38.2	0	-43.78	50.17	-	-	74	-23.83	-	-	49	281	V
6	17.199739	43.59	ADR	41.7	1.15	-41.67	44.77	-	-	-	-	-	-	324	306	V
5	17.200888	43.54	ADR	41.7	1.15	-41.63	44.76	-	-	-	-	-	-	92	341	H
6	17.202218	56.11	PK-U	41.7	0	-41.6	56.21	-	-	-	-	68.2	-11.99	324	306	V
5	17.203107	55.19	PK-U	41.7	0	-41.58	55.31	-	-	-	-	68.2	-12.89	92	341	H

PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

10.2. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



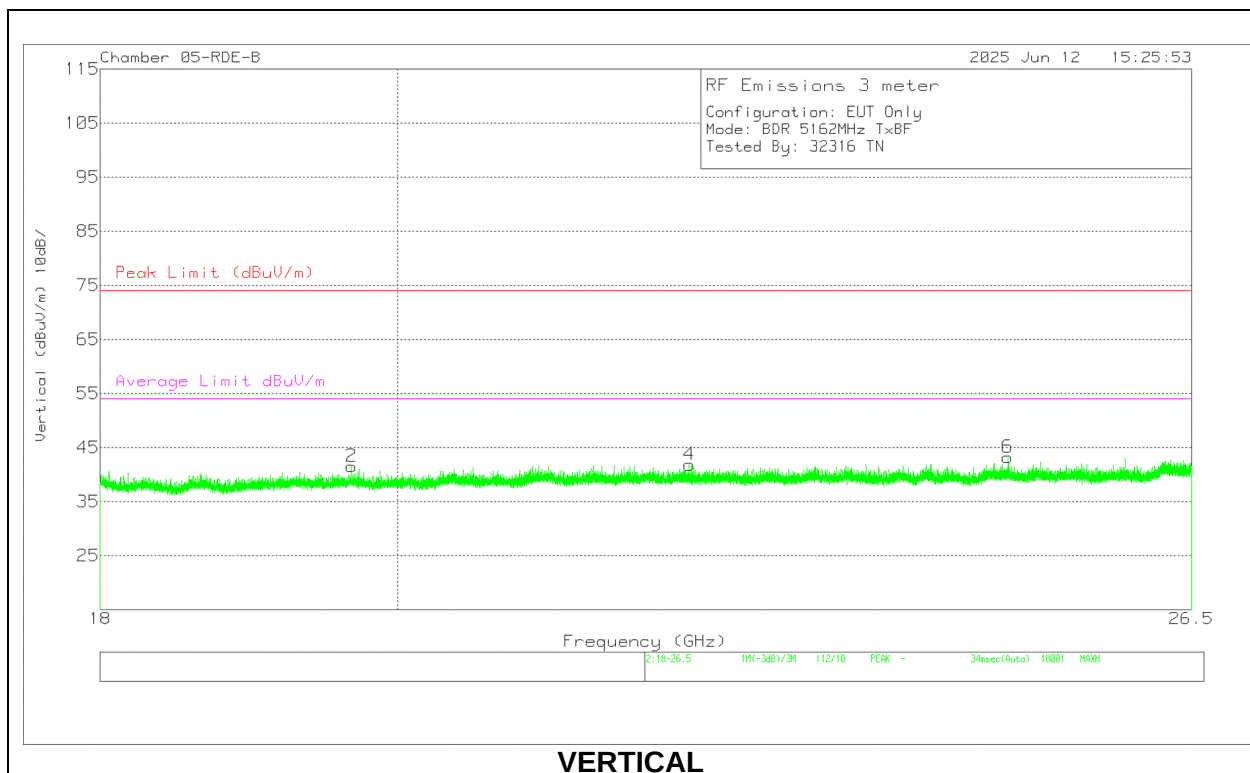
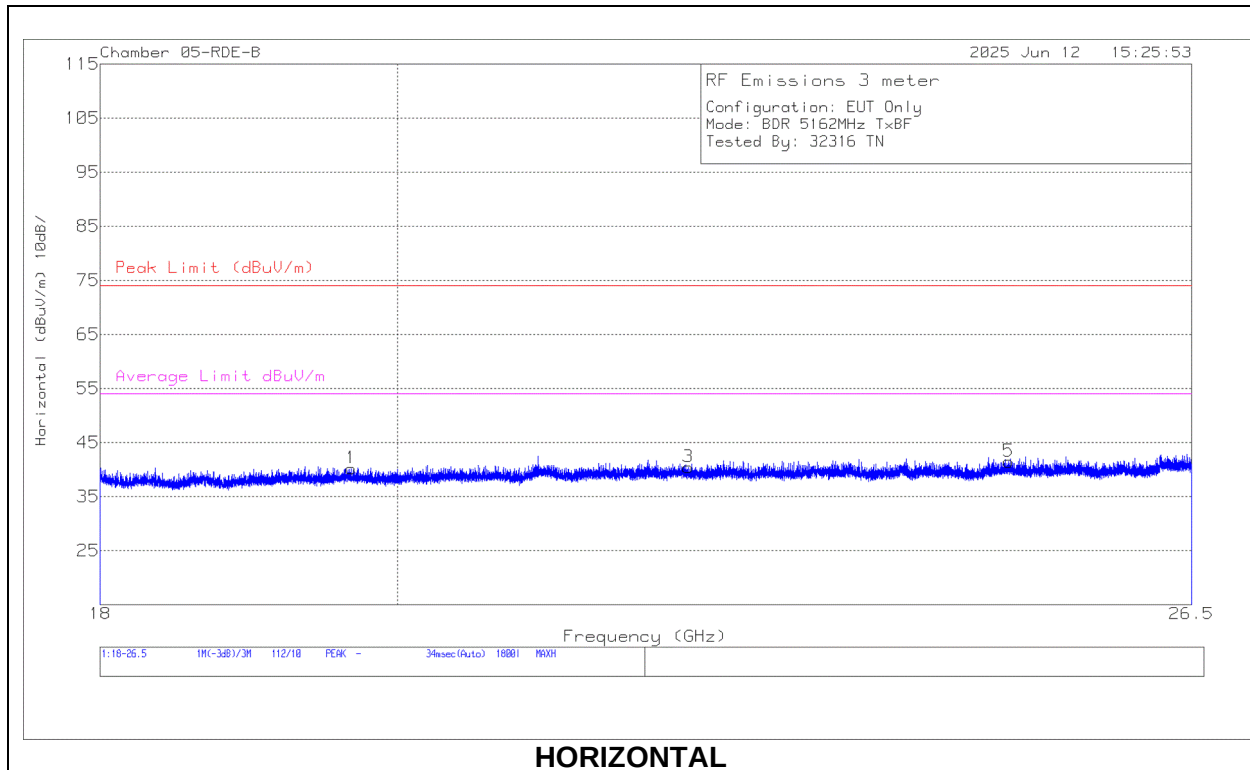
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	202329 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.7875	31.17	Qp	24.7	-32.1	23.77	40	-16.23	80	136	H
4	33.0925	41.11	Qp	24.5	-32.1	33.51	40	-6.49	353	115	V
5	40.018	36.61	Qp	19.5	-31.9	24.21	40	-15.79	352	120	V
2	64.5905	41.89	Qp	13.6	-31.8	23.69	40	-16.31	222	371	H
3	499.985	32.65	Qp	23.5	-30	26.15	46.02	-19.87	186	293	H
6	500.003	32.68	Qp	23.5	-30	26.18	46.02	-19.84	87	108	V

Qp - Quasi-Peak detector

10.3. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



18 – 26GHz Data

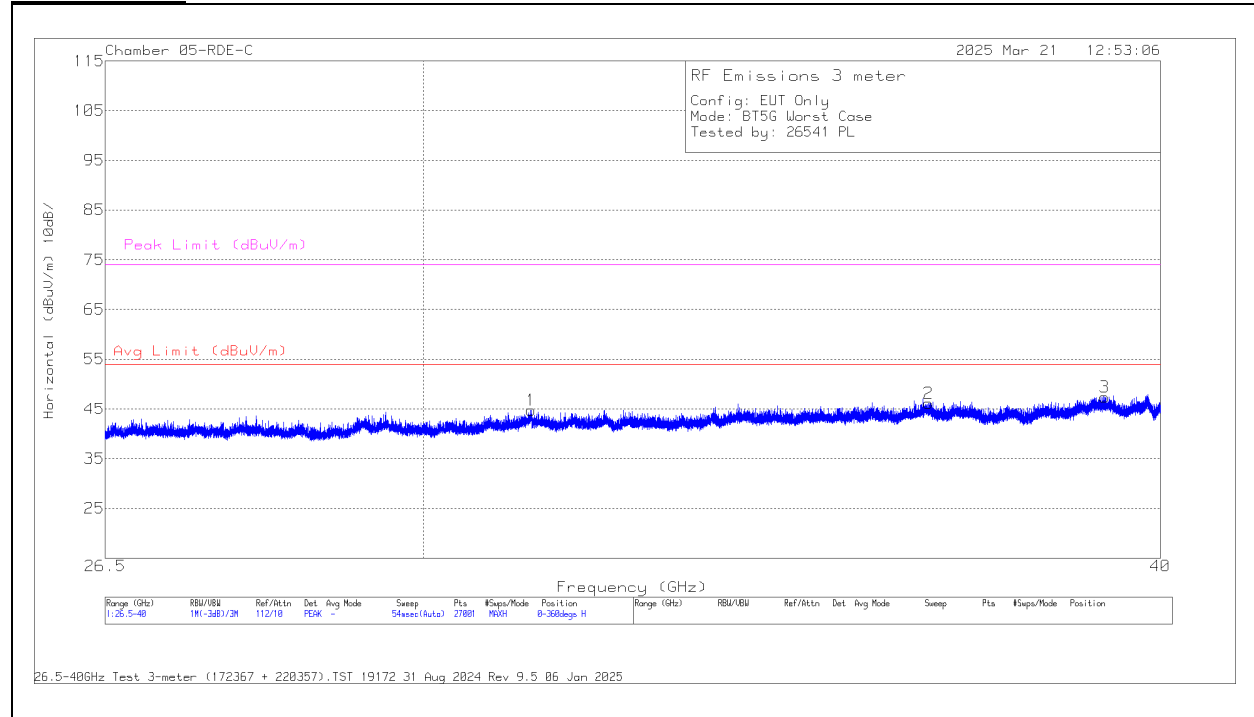
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81139 ACF (dB/m)	Amp/Cbl (dB)	Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.675916	55.1	Pk	33	-61.4	13.5	0	40.2	74	-33.8	-	-	0-360	101	H
2	19.676388	56.38	Pk	33	-61.4	13.5	0	41.48	74	-32.52	-	-	0-360	101	V
3	22.170665	53.85	Pk	33.6	-61.4	14.4	0	40.45	74	-33.55	-	-	0-360	200	H
4	22.179165	55.12	Pk	33.6	-61.4	14.5	0	41.82	74	-32.18	-	-	0-360	101	V
6	24.82833	55.57	Pk	34.2	-61.9	15.3	0	43.17	74	-30.83	-	-	0-360	199	V
5	24.836358	53.87	Pk	34.2	-61.9	15.3	0	41.47	74	-32.53	-	-	0-360	101	H

Pk - Peak detector

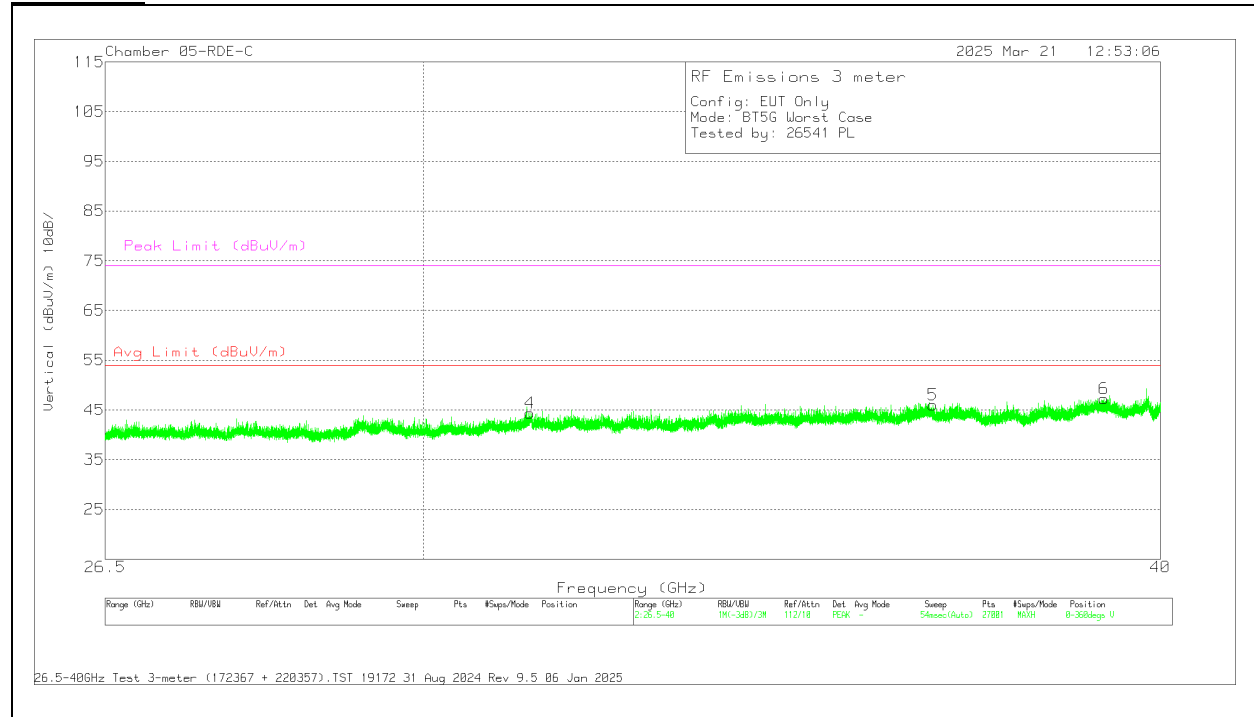
10.4. WORST CASE 26-40 GHz

SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)

HORIZONTAL



VERTICAL



26 – 40GHz Data

Range 1: Horizontal 26.5 - 40GHz															
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172367 ACF (dB/m)	CBL AMP (dB)	Cables (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 31.293	51.45	Pk	36.5	-60.5	17.3	0	44.75	-	-	74	-29.25	0-360	101	H
2	36.541	52.57	Pk	37.3	-62.9	19.2	0	46.17	-	-	74	-27.83	0-360	101	H
3	* 39.1415	51.58	Pk	38.1	-62.1	19.8	0	47.38	-	-	74	-26.62	0-360	200	H

Range 2: Vertical 26.5 - 40GHz															
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172367 ACF (dB/m)	CBL AMP (dB)	Cables (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 31.277	51.09	Pk	36.5	-60.5	17.3	0	44.39	-	-	74	-29.61	0-360	200	V
5	36.603	52.73	Pk	37.4	-63.3	19.2	0	46.03	-	-	74	-27.97	0-360	200	V
6	* 39.126	51.42	Pk	38.1	-62.1	19.8	0	47.22	-	-	74	-26.78	0-360	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector

11. AC POWERLINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

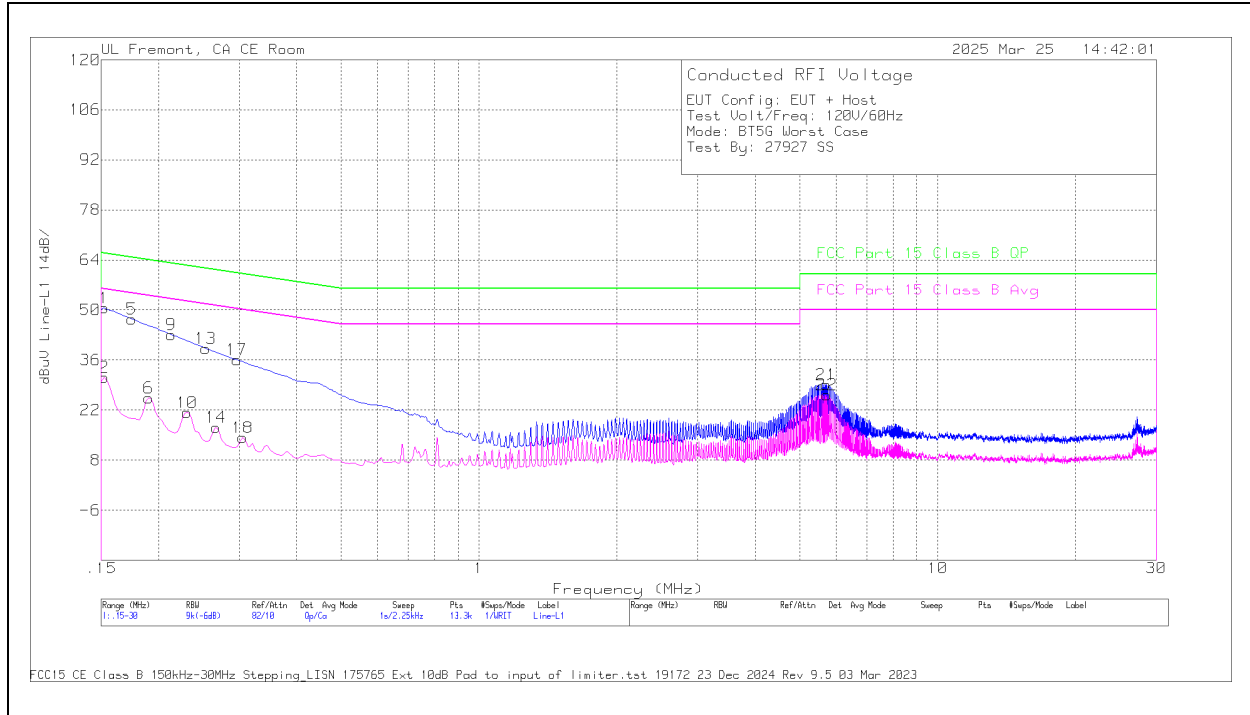
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1. AC POWER LINE WITH LAPTOP

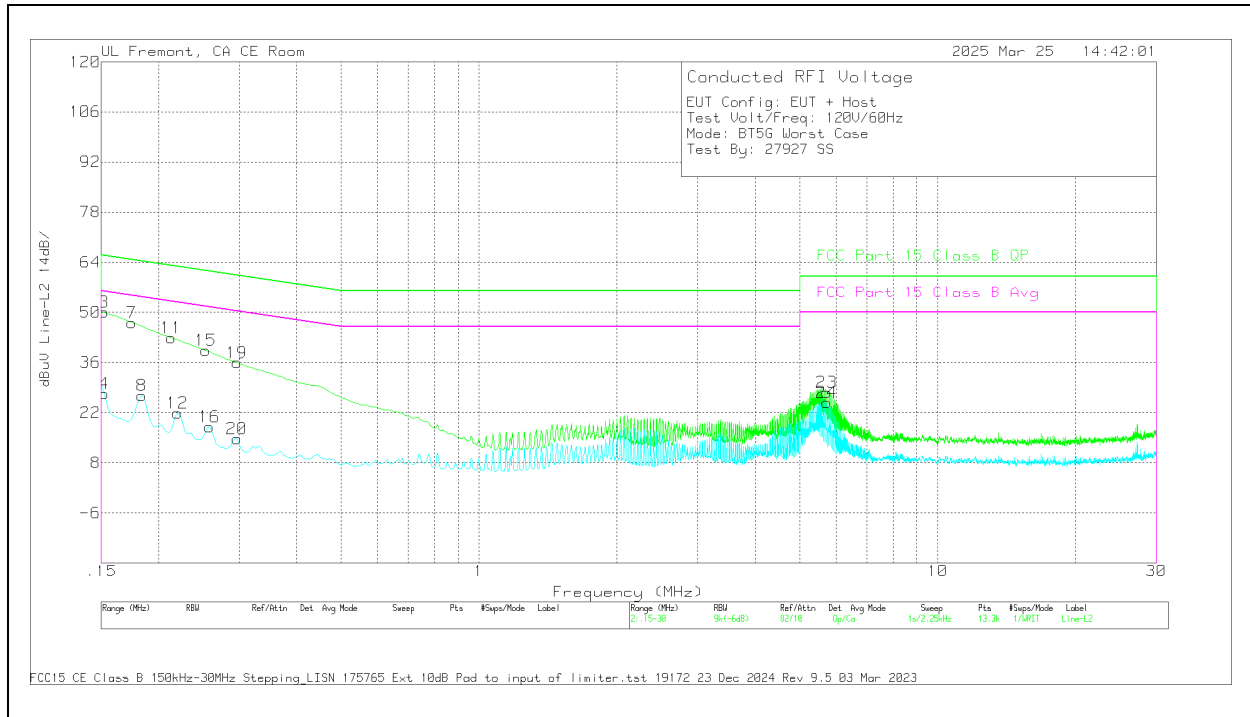
LINE 1 RESULTS



Range 1: Line-L1 15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	CBL(dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15C QP (dBuV)	QP Margin (dB)	FCC Part 15C Avg (dBuV)	Av(CISPR) Margin (dB)
2	.1523	12.04	Ca	.1	.5	8.5	10	31.14	-	-	55.88	-24.74
6	.1905	6.74	Ca	.1	.2	8.4	10	25.44	-	-	54.01	-28.57
10	.231	2.97	Ca	0	0	8.3	10	21.27	-	-	52.41	-31.14
14	.267	-8.5	Ca	0	-1	8.1	10	17.15	-	-	51.21	-34.06
18	.3053	-3.74	Ca	0	0	8	10	14.26	-	-	50.1	-35.84
22	5.7233	7.92	Ca	0	.1	8.2	10	26.22	-	-	50	-23.78
1	.1523	31.44	Qp	.1	.5	8.5	10	50.54	65.88	-15.34	-	-
5	.1748	28.58	Qp	.1	.3	8.5	10	47.48	64.73	-17.25	-	-
9	.213	24.84	Qp	0	0	8.3	10	43.14	63.09	-19.95	-	-
13	.2535	21.14	Qp	0	-1	8.2	10	39.24	61.64	-22.4	-	-
17	.2963	18.01	Qp	0	0	8	10	36.01	60.35	-24.34	-	-
21	5.721	10.84	Qp	0	.1	8.2	10	29.14	60	-30.86	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS

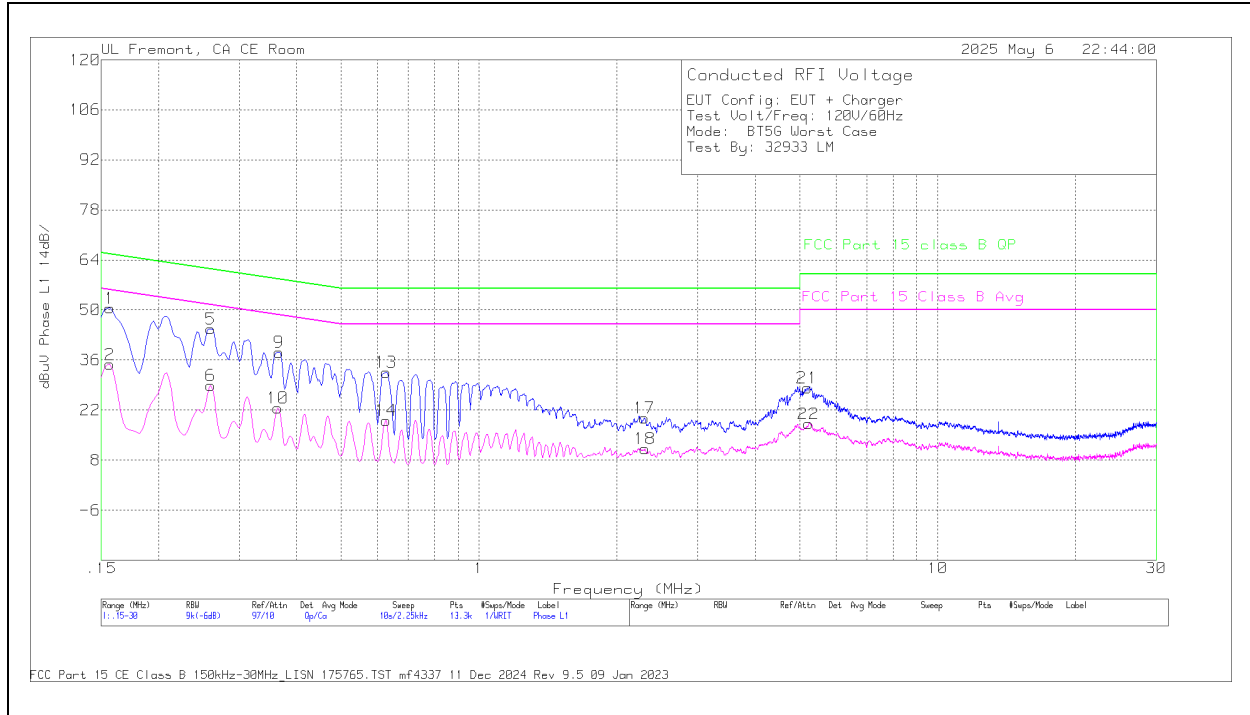


Range 2: Line-L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	CBL(dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15C QP (dBuV)	QP Margin (dB)	FCC Part 15C Avg (dBuV)	Av(CISPR) Margin (dB)
4	.1523	8.43	Ca	.1	.3	8.5	10	27.33	-	-	55.88	-28.55
8	.1838	8.34	Ca	0	.1	8.4	10	26.84	-	-	54.31	-27.47
12	.2198	3.49	Ca	0	.1	8.3	10	21.89	-	-	52.83	-30.94
16	.258	-3.1	Ca	0	.2	8.2	10	18.09	-	-	51.5	-33.41
20	.2963	-3.35	Ca	0	0	8	10	14.65	-	-	50.35	-35.7
24	5.73	6.72	Ca	0	-.1	8.2	10	24.82	-	-	50	-25.18
3	.1523	31.2	Qp	.1	.3	8.5	10	50.1	65.88	-15.78	-	-
7	.1748	28.47	Qp	0	.2	8.5	10	47.17	64.73	-17.56	-	-
11	.213	24.53	Qp	0	.1	8.3	10	42.93	63.09	-20.16	-	-
15	.2535	21.02	Qp	0	.2	8.2	10	39.42	61.64	-22.22	-	-
19	.2963	17.98	Qp	0	0	8	10	35.98	60.35	-24.37	-	-
23	5.73	9.57	Qp	0	-.1	8.2	10	27.67	60	-32.33	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

11.2. AC POWER LINE WITH AC/DC ADAPTER

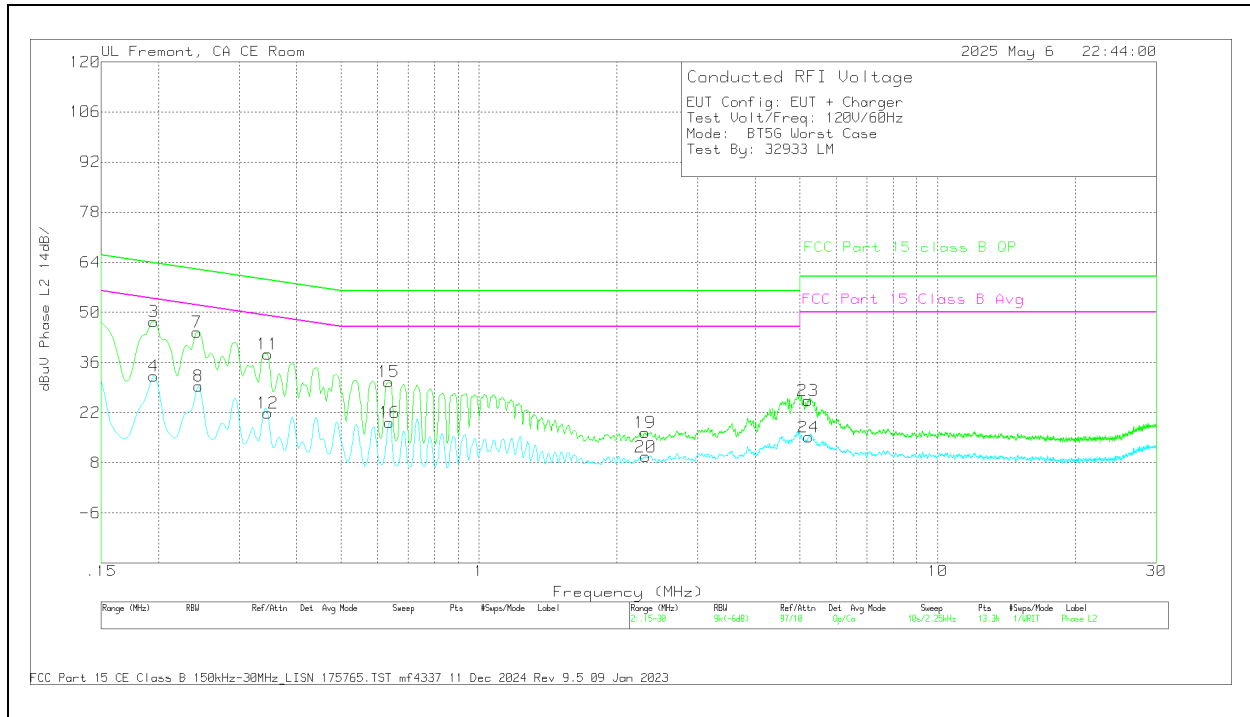
LINE 1 RESULTS



Range 1: Phase L1 15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15C QP (dBuV)	QP Margin (dB)	FCC Part 15C Avg (dBuV)	Margin (dB)
2	.1568	15.75	Ca	.4	.1	8.5	10	34.75	55.63	-20.88	-	-
6	.2603	10.83	Ca	-.1	0	8.2	10	28.93	51.42	-22.49	-	-
10	.3638	4.64	Ca	-.4	0	8.4	10	22.64	48.64	-26	-	-
14	.627	.8	Ca	0	0	8.3	10	19.1	46	-26.9	-	-
18	2.301	-7.37	Ca	-.1	0	8.6	10	11.13	46	-34.87	-	-
22	5.2373	-.38	Ca	.2	0	8.3	10	18.12	50	-31.88	-	-
1	.1568	31.52	Qp	.4	.1	8.5	10	50.52	-	-	65.63	-15.11
5	.2603	26.63	Qp	-.1	0	8.2	10	44.73	-	-	61.42	-16.69
9	.366	20.2	Qp	-.4	0	8.4	10	38.2	-	-	58.59	-20.39
13	.627	14.32	Qp	0	0	8.3	10	32.62	-	-	56	-23.38
17	2.2965	1.23	Qp	-.1	0	8.6	10	19.73	-	-	56	-36.27
21	5.1945	9.94	Qp	0	0	8.2	10	28.14	-	-	60	-31.86

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15C QP (dBuV)	QP Margin (dB)	FCC Part 15C Avg (dBuV)	Margin (dB)
4	.195	13.7	Ca	.1	0	8.4	10	32.2	53.82	-21.62	-	-
8	.2445	11.34	Ca	-.1	0	8.2	10	29.44	51.94	-22.5	-	-
12	.3458	3.86	Ca	-.4	0	8.4	10	21.86	49.06	-27.2	-	-
16	.6383	.69	Ca	.1	0	8.4	10	19.19	46	-26.81	-	-
20	2.31	-8.81	Ca	-.1	0	8.6	10	9.69	46	-36.31	-	-
24	5.2373	-3.36	Ca	.2	0	8.3	10	15.14	50	-34.86	-	-
3	.195	28.97	Qp	.1	0	8.4	10	47.47	-	-	63.82	-16.35
7	.2423	26.45	Qp	-.1	0	8.2	10	44.55	-	-	62.02	-17.47
11	.3458	20.38	Qp	-.4	0	8.4	10	38.38	-	-	59.06	-20.68
15	.636	12.29	Qp	0	0	8.3	10	30.59	-	-	56	-25.41
19	2.3033	-2.1	Qp	-.1	0	8.6	10	16.4	-	-	56	-39.6
23	5.2215	7.03	Qp	.1	0	8.3	10	25.43	-	-	60	-34.57

Qp - Quasi-Peak detector
Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 15496224-EP1V1 for setup report

END OF TEST REPORT